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SEVENTY-SIXTH ANNUAL CATALOGUE

1895-1896

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Departments of Instruction

The officer in charge of each department is alone responsible for its aims and methods, and the efficiency of its work; and while holding certain definite and organic relations to the whole body of instructors, he is left independent to seek development in the constant improvement of methods, the enlargement of scope, and the addition of new facilities.

The following is a detailed statement of the methods and courses of instruction in the several departments of the college, prepared by the respective officers. Unless otherwise stated, each course occupies one term.

LATIN

The work of this department is intended to enable the student to read Latin with rapidity and accuracy, and to acquire, through the literature as far as possible, definite ideas of Roman life and culture. In the works of the first year, the essentials of syntax are reviewed and illustrated by exercises in prose composition, based on Ciceronian Latin. Those who come so well prepared as not especially to need this work will be allowed under proper oversight to substitute extra reading, such as Cicero's Brutus, or De Officiis, or selections from the historians.

In the later courses, careful attention is given to the development of the language and literature, to the debt of the English language to the Latin tongue, and of all modern literatures to its great classics.

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Cicero's Cato Major and Lælius. Prose composition and sight reading.

Fall Term, four hours.

2. Cicero's Letters. Livy.

Special attention is given to Cicero's character, and his place in history and literature.

Winter Term, four hours.

3. The Odes of Horace. Gellius (at sight)

Spring Term, four hours.

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. Satires and Epistles of Horace.

The portions selected are grouped about significant topics so as to set the character of Horace, his literary canons, and the customs of his time in as vivid a light as possible.

Selections from Catullus and the Elegiac Poets are also read. Wilkins' Primer of Roman Literature.

Fall Term, four hours.

5. Selected Satires of Juvenal. Martial (at sight.)

Upon this work a prize examination is set on the first Saturday of the Spring term. Those who enter this are excused from the regular final examination.

Winter Term, three hours.

6. Pliny's Letters, and the Agricola or the Germania of Tacitus, or Quintilian Book X.

Spring Term, three hours.

THIRD YEAR

FOR JUNIORS AND SENIORS

7. Methods of Secondary Instruction in Latin. Attention will be given in lectures and discussions to the merits of rival systems, to the best methods of acquiring a vocabulary, of intro-

ducing and expounding the more difficult portions of Syntax, and of counteracting the tendency to use improper helps.

There will be practical work by members of the class in conducting recitations in the authors usually read in preparatory schools, and exercises in sight-reading. Two hours. (Elective.)

Fall Term, two hours.

8. PLAUTUS AND TERENCE. Historical Syntax. (Elective.)

Winter Term, three hours.

9. SELECTIONS FROM CICERO'S PHILOSOPHICAL WORKS, together with a study in outline of the systems of Philosophy prevalent in hi time. (Elective.)

Spring Term, three hours.

10. In alternate years a course will be offered in the RHETORIC AND ORATORY OF THE ROMANS. This will include the study of specially significant passages from the De Oratore of Cicero, with collateral reading in the Rhetorica ad Herennium, the Dialogus de Oratoribus, and in Quintilian. The purpose of this course is to give a clear idea of the emphasis placed by the Romans upon oratory, of the elements of its power, and the causes of its decline.

This course will be offered in 1896–97.

GREEK LANGUAGE AND LITERATURE

FIRST YEAR

FOR FRESHMEN IN COURSE I OR II

1. LYSIAS. Selected Orations. Greek composition. Four hours a week.

Fall Term.

2. PLATO'S APOLOGY and CRITO. Sight-reading in Xenophon's Memorabilia.

Winter Term, four hours.

3. Homer. Selections from the Odyssey or later books of the Iliad. The Homeric Question. Outline of History of Greek Literature.

Spring Term, four hours.

SECOND YEAR

FOR SOPHOMORES IN COURSE I OR II

4. The Tragedies. Æschylus and Sophocles. Two plays. Prelections from other tragedies. History of Greek Drama. Essays.

Fall Term, four hours.

5. Demosthenes. Oration on the Crown, or Olynthiacs and Philippics. The development of Oratory. Legal procedure and political institutions of the Athenians. Later Greek History. (Elective.)

Winter Term, three hours.

6. Euripides and Aristophanes. Iphigenia in Tauris or Medea. Clouds or Frogs. Readings from Lucian. (Elective.)

Spring Term, three hours.

THIRD AND FOURTH YEARS

FOR JUNIORS AND SENIORS

7. Hellenistic Greek. Selections from the New Testament or Septuagint, studied chiefly on the linguistic side. (Elective).

Fall Term, two hours.

8. Plato and Aristotle. The Phaedo of Plato, or selections from his Republic, and portions of the Ethics of Aristotle are offered in alternate years, with special regard to their philosophic content. (Elective).

Winter Term, three hours.

9 History of Greek Philosophy. Open to Juniors in all courses. A brief manual is used, with lectures by the professor, and essays by members of the class. (Elective).

Spring Term, three hours.

10. Modern Greek. At the convenience of the officer, a class may be organized, using Vincent and Dickson's handbook and current newspapers.

SEMITIC LANGUAGES AND LITERATURES

Courses 1, 4, 8, 10 and 14 are open to all students in the Senior and Junior years. Courses 2, 5, 6, 9, 11, 12 and 13 may be elected only by students who have already studied Hebrew. Courses 3 and 7 are only offered to students who have studied both Hebrew and Arabic.

FIRST YEAR

FOR JUNIORS AND SENIORS

1. Hebrew: (*a*) Orthography, Morphology, and Elements of Syntax (Harper); (*b*) Translation and Study of Genesis; (*c*) Sight-reading in Deuteronomy and Kings.

Three Terms, four hours.

COURSES IN 1895–1896

2. Hebrew: (*a*) Prosody (Harper, Kautzsch, Wickes); (*b*) Interpretation of Job, Fall Term; Samuel, Winter Term; The Yahwist, Fall Term.

Two hours.

3. Ethiopic: (*a*) Grammar (Praetorius, Dillmann); (*b*) Ascensio Isaiæ.
Fall Term, two hours.

4. Classical Aramaic (Syriac): (*a*) Grammar (Nestle, Nöldeke); (*b*) Peshitta; (*c*) Specilegium Syriacum.
Winter Term, two hours.

5. Palestinian Aramaic: (*a*) Grammar (Brown, Kautzsch); (*b*) Bible and Targums.
Winter Term, two hours.

6. Assyrian: (*a*) Grammar (Lyon, Delitzsch); (*b*) Transliterated Texts; (*c*) Cuneiform Inscriptions.
Spring Term, two hours.

7. Comparative Semitic Philology: (*a*) General Semitic Grammar (Wright, Nöldeke); (*b*) Comparative Study of the Hebrew, Aramaic, Samaritan, Arabic and Ethiopic Texts of Gen. i–iv.
Spring Term, two hours.

8. Semitic History: Arabia and Abyssinia; Palestinian Religions.
Spring Term, two hours.

COURSES IN 1896-1897

9. Hebrew: Isaiah, Fall Term; Songs of the Pentateuch, Winter Term; Chronicles, Spring Term.
Two hours.

10. Arabic: (*a*) Grammar (Wright); *b*) Bible, (Quran).
Fall Term, two hours.

11. Palestinian Aramaic: (*a*) Grammar (Brown, Dalman); (*b*) Bible, Targums, Talmud Yerushalmi.
Winter Term, two hours.

11. EGYPTIAN: (*a*) Grammar (Erman); (*b*) Hieroglyphic texts.
Fall Term, two hours.

13. COPTIC: (*a*) Grammar (Steindorff); (*b*) Prophetæ minores.
Spring Term, two hours.

14. HISTORY: (*a*) Egypt, Fall Term; Babylonia and Assyria, Winter Term; Palestine, Spring Term.
Two hours.

MODERN LANGUAGES

It is the aim of this department: *First*, to give the student a technical knowledge of the German and French languages sufficient to read them with facility and accuracy; *second*, to present to the student the general idea of the literary history of each language with a detailed statement of special important epochs; *third*, by occasional lectures illustrated by the stereopticon, to give the student some idea of the cities, customs, and life of the people whose language is studied; and also to show the prominent place given to German literature in German art.

GERMAN

FIRST YEAR

FRESHMEN IN COURSES II AND III (IN PART). SOPHOMORES IN COURSE I

1. Elementary course. Grammar. Practice in pronunciation and in memorizing short selections, systematic drill in grammar, with special reference to syntax. Rapid reading of modern works of fiction, including selections, from such authors as Hauff, Heyse, Storm and Auerbach. The latter part of the course is given to reading Schiller's Das Lied von der Glocke and Goethe's Hermann und Dorothea.

Three hours throughout the year.

SECOND YEAR

FRESHMEN IN COURSES II AND III (IN PART). ELECTIVE FOR HIGHER CLASSES

2. Lessing's Minna von Barnhelm and Nathan der Weise. Lectures on Lessing's work and influence in the regeneration of German literature.

Fall Term, three hours.

3. Schiller's Maria Stuart or Jungfrau von Orleans and Wilhelm Tell. Lectures, some of them illustrated by stereopticon views, on the important works of Schiller. Essays by the class on topics connected with the reading.

Winter Term, three hours.

4. The Literature of the Nineteenth Century. The purpose of this course is to acquaint the student with some of the best recent literature, and the works read will vary from year to year. Occasional lectures. Essays by members of the class.

Spring Term, three hours

THIRD YEAR

SOPHOMORES IN COURSES II AND III (IN PART). ELECTIVE FOR OTHERS

5. Goethe's Faust. Essays on literary and philosophical subjects suggested by the reading. Lectures accompanied by stereopticon illustrations.

Fall Term, three hours.

6. German composition and conversation.

Winter Term, three hours.

7. Lyric poetry.

M.— Spring Term, three hours.

FRENCH

FIRST YEAR

FOR FRESHMEN

1. Systematic drill in grammar, with special reference to syntax, rapid reading of selections from such authors as Souvestre, Mérimée, and Feuillet.

This course extends through the entire year, and is designed as a foundation in acquiring a technical knowledge of the French language, and as an introduction to French literature.

Two hours throughout the year.

SECOND YEAR

FRESHMEN IN COURSES II AND III (IN PART). ELECTIVE FOR HIGHER CLASSES

2. The French Classic Drama. The class will read selected works from Corneille, Racine, and Molière.

Fall and Winter Terms, two hours.

3. Victor Hugo and the Romantic School.

Spring Term, two hours.

ENGLISH LITERATURE

The objects sought in this department are mainly the following: *First*, a general knowledge of the historical development of the literature; *second*, a particular acquaintance with the great literary periods, and with the most prominent authors in each; *third*, an understanding of the principles of literary criticism, and of the laws that underlie the various forms of literary art; *fourth*, a scientific knowledge of the origin and development of the English language. These objects are sought, not merely for their own sake, but as the means of developing a broad culture and a thorough appreciation of a great literature.

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. CHAUCER. Studied as the first great English poet, with special reference to the literary characteristics of his work. The course is open to students who have made no previous study of early English.

Winter Term, two hours.

2. ELIZABETHAN POETRY. The non-dramatic poetry of the age is studied through the masterpieces of representative authors. This course and the preceding are made the basis for the study of the fundamental principles of literary art.

Spring Term, five hours.

SECOND YEAR

FOR JUNIORS

3. ELIZABETHAN DRAMA. A historical and critical study of the drama in the time of Shakspere. Representative dramas are analyzed and discussed; and the development of dramatic art is traced. (Elective.)

Fall Term, three hours.

4. SHAKSPERE. A critical study of representative dramas. Effort is made to understand and appreciate the dramas studied, and to arrive through them at a knowledge of Shakspere's dramatic art, and of the principles of dramatic criticism. (Elective.)

Fall Term, three hours.

5. EIGHTEENTH CENTURY POETRY. From Dryden to Burns. Representative poems are carefully studied; and the development of the poetry of the age through its various phases is investigated. A knowledge of fundamental principles is assumed, and more attention is given to individual characteristics. (Elective.)

Winter Term, three hours.

6. EIGHTEENTH CENTURY PROSE. The representative prose writers of the century are studied; and the development of prose literature is traced. This course is intended to supplement the preceding, the aim of both being to present a comprehensive view of the literature of the age. (Elective.)

Winter Term, three hours.

7. ROMANTIC POETRY. Special attention given to Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats. Individual characteristics are noted; changes in the spirit and method of poetry are investigated; and attention is drawn to the relation of these changes to the political, social, and intellectual movements of the age. (Elective.)

Spring Term, three hours.

8. NINETEENTH CENTURY PROSE. The prose masterpieces of the present century are studied with reference to their literary value, and also to their significance as a revelation of the life of the age. (Elective.)

Spring Term, three hours.

9. ANGLO-SAXON. Elementary course. The grammar of the language is studied; and special attention is given to acquiring facility in the reading of ordinary Anglo-Saxon prose. The relation of Anglo-Saxon to modern English is emphasized. (Elective.)

Fall Term, two hours.

10. ANGLO SAXON. Poetry. Some of the most famous of the classical Anglo-Saxon poetry is read, not only for its linguistic interest, but also as a revelation of the life and character of the people. (Elective.)

Winter Term, two hours.

11. ANGLO-SAXON. Beówulf is studied as one of the earliest monuments of the English language and literature, and is made the medium for a better understanding of the life and customs of the race before its coming to England. (Elective.)

Spring Term, two hours.

12. Anglo-Saxon. Poetry. Similar in method and purpose to Course 10, and intended to furnish opportunity for a fuller knowledge of the Christian poetry of the Anglo-Saxons. (Elective.)

Winter Term, two hours.

13. Early English. From the Norman Conquest to the age of Chaucer. The language is traced through the various stages of its development, and observation is made as to the general character of the literature. (Elective.)

Spring Term, two hours.

THIRD YEAR

FOR SENIORS

14. Prose Fiction. The rise, development, and characteristics of the English novel. Special attention given to Scott, Dickens, Thackeray, and George Eliot. Examination of the laws of fiction and of the principles of criticism involved. (Elective.)

Fall Term, three hours.

15. Victorian Poetry. A study of the poetry of Tennyson, Browning, and their contemporaries. Poetical masterpieces are studied, as in previous courses; and the leading poets are especially considered as the exponents of the life and thought of the age. (Elective.)

Fall Term, three hours.

16. American Literature. Upon the basis of the literary principles determined in previous courses, a study is here made of the general development of American literature, of the chacteristics of its various forms and classes, and of the representative works of leading authors in its various departments. (Elective.)

Winter Term, three hours.

Courses 1 and 2 must precede the other literary courses. Students are strongly urged to take elective literary courses in chronological order. Courses 3–8 and 14–16 may also be taken as

two hour courses. No two of these courses in the same term may count for more than five hours. Courses 12 and 13 will be given in alternate years with Courses 10 and 11 respectively. The hours of recitation for Courses 9–13 will be arranged on the organization of the class.

RHETORIC AND PUBLIC SPEAKING

In the department of Rhetoric and Public Speaking, the following courses are offered. They may be continued throughout the entire undergraduate course.

FIRST YEAR

1. RHETORIC: A course designed to give the student definite ideas of the elementary principles of the subject, and facility in their application. The work is of a practical character, consisting mainly of compositio n and criticism.

Fall and Winter Terms, one hour.

FIRST AND SECOND YEAR

2. RHETORIC: A study of the subjects of style and invention, Members of the class are required to present themes, plans and discussions. These receive individual criticism. Seected essays are read before the class.

Spring Term, Freshman Year.
Fall and Winter Terms, Sophmore Year, two hours.

Opportunity is given throughout the courses in Rhetoric for students to engage in newspaper work. The Colgate Press Club is allied to the department of Rhetoric. It includes in its membership correspondents of daily and weekly papers and monthly magazines. The theories of newspaper writing are taught in the various courses in Rhetoric; practice is obtained by correspondence

submitted to the editors of the various papers represented in the Press Club.

3. PUBLIC SPEAKING: Weekly exercises in declamation are required throughout the Freshman and Sophomore years. Each speaker is freely criticised both by the instructor and by members of the class.

4. PUBLIC SPEAKING: Courses on the composition and delivery of orations are continued throughout the Junior year. The principles of this form of composition are studied, and each member of the class is required to submit original orations which are freely criticised.

Instruction is given also on the general principles of the delivery of orations.

During the second and third terms the orations are presented before public audiences. Each production is read and criticised with the author by special appointment, and he receives drill in its delivery previous to his public appearance.

Fall Term, Junior Year.

5. PUBLIC SPEAKING: A course in forensics is offered to those students who have completed Courses 3 and 4.

Instruction will be given in the principles of argumentation, and in the public delivery of argumentative addresses.

Each year the class organizes as a legislative body. Parliamentary forms are observed, bills and resolutions are introduced, debated and passed or rejected by vote of the house. This course enables the student to become familiar with the elementary principles of parliamentary procedure, while at the same time it gives ample opportunity for both prepared and extemporaneous debate.

MATHEMATICS

The courses of study in this department begin with the Freshman year, and may be continued, as required or elective studies

throughout the entire undergraduate course. The work is conducted by aid of text-books with lectures.

The aim of the instruction is to form habits of accurate and precise expression, and to develop the power of independent and logical thinking, as well as to teach the methods and principles of each subject.

FIRST YEAR

FOR FRESHMEN IN ALL COURSES

1. Geometry. Solid and Spherical; Conic Sections: Exercises in Geometrical Invention and Applications; Theory of Limits.

Fall Term, five hours.

2. Algebra. Functional Notation; Derivatives of Algebraic, Logarithmic, and Exponential Functions; Development of Functions in Series; Convergency and Summation of Series; Theory and Computation of Logarithms; Permutations, Combinations, and Probability; Theory of Equations; Determinants; Graphic Algebra.

Winter Term, five hours.

3. Plane Trigonometry and Surveying. The Theory of the Trigonometric Functions and its application to the solution of plane triangles and to surveying.

Spring Term, four hours.

SECOND YEAR

FOR SOPHOMORES IN ALL COURSES

4. Spherical Trigonometry. Napier's Rules and Analogies; Gauss' Equations, and their application to the solution of spherical triangles.

Fall Term, five weeks, three hours.

5. Analytic Geometry. The Straight Line, the Conic Sections, the General Equation of the Second Degree, and Higher Plane Curves, in Plane Geometry; and the Point, the Straight Line, the Plane, and Surfaces of Revolution, in Solid Geometry. (Elective in winter term, Courses I and II).

Fall Term, nine weeks, and Winter Term, three hours.

6. Calculus. Differentiation and Practical Applications, Direct Integration and its Application to the Determination of Areas and Volumes, and the Rectification of Curves; Successive Differentiation; Evaluation of Indeterminate Forms; Development of Functions in Series; Maxima and Minima. (Elective, Courses I and II).

This course may be elected by any student who has taken the first five courses. While designed to lay the foundation for the subsequent courses on this subject, it is adapted to those also who wish in a short time to gain a clear idea of the methods and problems of the Calculus.

Spring Term, three hours.

THIRD YEAR

FOR JUNIORS

7. Calculus. A continuation of Course 6, embracing the remaining subjects in Taylor's Calculus, except the chapter on the Method of Infinitesimals. (Elective, Courses I and II).

Fall Term, three hours.

8. Calculus. A continuation of Course 7, embracing the Infinitesimal Method and applications, also the History and Philosophy of the Calculus. Books of reference: the treatises of Williamson, Duhamal, Price, and Bertrand, Bledsoe's Philosophy of Mathematics, and Cajori's History of Mathematics. (Elective.)

Winter Term, three hours,

9. Determinants. Weld's Determinants. (Elective.)

Spring Term, three hours.

FOURTH YEAR

FOR SENIORS

10. QUATERNIONS. Hardy's Quaternions. Books of reference: the treatises of Tait, and Kelland and Tait. (Elective.)

Fall Term, two hours.

11. THEORY OF EQUATIONS. Burnside and Panton's Theory of Equations. (Elective).

Winter Term, two hours.

PHYSICS AND ASTRONOMY

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. GENERAL PHYSICS: conducted by the aid of a text and with lectures and experimental demonstration of important principles. Course 1 is intended to give students a clear notion of the methods of scientific study and a familiarity with the fundamental laws underlying physical phenomena.

MECHANICS AND SOUND—*Winter Term, three hours.*

HEAT AND LIGHT—*Spring Term, three hours.*

SECOND YEAR

FOR JUNIORS

1 (continued).

ELECTRICITY AND MAGNETISM—*Fall Term, three hours.*

2. LABORATORY WORK. Two hours a week. Winter and Spring Terms.

The purpose of this course is to give students insight into meth-

ods and apparatus used in making physical measurements, and includes quantitative experiments performed by the student in mechanics, sound, heat, light, and electricity. Course 1 necessarily precedes this course, and students are strongly advised to prepare themselves in analytic geometry and the calculus, before taking up the laboratory work.

THIRD YEAR

FOR SENIORS

3. General Astronomy.

Fall Term, five hours.

4. A course in Electrical Engineering is offered the present year for those who have had two terms laboratory work in general physics.

The object of this course is to allow the students to become more thoroughly acquainted with the governing laws of electricity by making practical applications of the same. Construction of small dynamos and motors, as well as a complete study of the best known machines of the present day will be undertaken. Number of hours not determined.

Fall Term.

GEOLOGY AND NATURAL HISTORY

The courses in this department are designed to give such knowledge of the several subjects as a scheme of general education requires. It will be seen also that the geological courses are so arranged as to give two years of continuous work to those who may wish to teach geology or pursue it as a profession. The instruction is given by lectures. Text-books for supplementary reading are required, with oral and written reviews Much attention is given to the literature of the subjects, and habits of independent investi-

gation are fostered. The significant questions which subjects in natural history raise at the present time will receive such discussion as may be suitable. Hours for laboratory and field work are arranged after the organization of classes.

GEOLOGY

FIRST YEAR

SOPHOMORES IN COURSE III. ELECTIVE FOR JUNIORS AND SENIORS

1. Dynamical Geology. The lectures treat of the applications of energy in the making of the earth. The chemical and mechanical work of the atmosphere, the effects of water in rivers, lakes, oceans, subterranean channels, and glaciers form the earlier subjects of the course. The igneous forces are then studied, as seen in volcanoes, earthquakes, mountain making, and the development of continents. Several lectures are given on the geological work of organisms. The course deals particularly with the development of geographic forms, the evolution of scenery, and the effects of geological forces upon the course of human history. Four half-day excursions are made for the study of the surface geology in the vicinity of Hamilton. The larger manuals of Dana or Le Conte are required in this and subsequent geological courses.

Fall Term, three hours.

2. Lithological and Structural Geology. This course begins with an elementary study of the principal kinds of rocks. The lectures then deal with structural forms, such as stratified, tilted, faulted and folded rocks, dikes, lava sheets, mineral veins, the general form of the earth, the structure and topography of continents and mountains, as determined by upheaval and general erosion.

Winter Term, two hours.

3. Historical Geology. An elementary course with special reference to students who wish a general understanding of the succession of events in geological time. Among the special topics are: The climate, geography, plants, and animals of the various periods; economical products important in special formations, as fuels, pigments, ores, mineral waters, salt, pottery clays and building materials; geological time; the last glacial period; the antiquity of man, and the history of geological science. The course includes several field excursions, the accessible localities affording the best opportunities for beginning the study of historical geology.

Spring Term, three hours.

SECOND YEAR

ELECTIVE FOR SENIORS AND FOR JUNIORS OF COURSE III

4. Palæontology. A study of fossil organisms, their manner, of preservation, their value as a geological record, their systematic relations and succession in time. The appearance and extinction of great groups, and probable ancestry of existing forms are treated, with a critical study of evolution. The history and present state of opinion, and the factors of evolution are made themes for discussion. Laboratory work two hours each week. Courses 3 and 7 are required in preparation.

Fall Term, three hours.

5. Geology. Study of special problems,—seminary work and thesis. The course is an introduction to the use of geological literature. Counts for three to five hours. Time arranged with the class.

Winter Term.

6. Geology.—Field course. The special study of some Paleozoic horizon near Hamilton. This is chiefly a course in field work, with attention to stratigraphy, geographic distribution and characteristic fossils. To those who prefer, problems in the glacial geology of Central New York may be assigned. This course will

include instruction in the history and methods of geological surveying; three to five hours.

Spring Term.

ZOOLOGY

7. This course deals with elementary biology, the principles of classification, and the general morphology of the principal groups of animals. The invertebrates will receive chief attention. The work is designed to give such general knowledge of the animal kingdom as all educated persons should have. Laboratory work, two hours a week. Packard's Zoölogy required for reference. Junior elective.

Winter Term, three hours.

BOTANY

8. The aim of this course is like that of 7. The structure and classification of plants, their distribution and economic uses are treated, with attention to the determination of the flowering plants. Laboratory, two hours a week. Gray's Structural Botany and Manual are required. Junior elective.

Spring Term, three hours.

CHEMISTRY AND MINERALOGY

The aim of this department is to give instruction in the fundamental principles of scientific study, and, especially, to give the student thorough training in habits of accuracy and observation. The work of Course 1 is conducted in the class room by means of a text-book with experimental lectures. The remainder of the

work is done in the laboratory, which is equipped with all the apparatus necessary for the successful study of analytical chemistry.

FIRST YEAR

FOR SOPHOMORES IN COURSES I AND II

1. General Chemistry. A course for beginners, extending through the non-metallic elements.

About one-half the time is occupied with experimental lectures, the remainder being devoted to recitations and frequent written examinations. This course is required of all students in Courses I and II, and for entrance to Course III.

Winter Term, three hours.
Spring Term, two hours.

SECOND YEAR

FOR FRESHMEN IN COURSE III. ELECTIVE FOR JUNIORS AND SENIORS IN COURSES I AND II

2. Analytical Chemistry. A course in Qualitative Analysis, including the determination of simple inorganic substances, both in solution and by Blowpipe Analysis. The work in the laboratory is supplemented by a course of lectures on the metallic elements.

Fall Term, five hours.

3. Analytical Chemistry. A continuation of Course 2, including the various methods employed for the qualitative separation of the metals. A supplementary course of lectures on some of the more important chemical theories and molecular forces will be given.

Winter Term, five hours.

4. Analytical and Organic Chemistry. This includes the study of some of the rarer elements and of the qualitative determination of minerals, together with a short course of lectures on Organic Chemistry.

Spring Term, five hours.

THIRD YEAR

ELECTIVE FOR JUNIORS IN COURSE III, AND SENIORS IN COURSES I AND II

5. Analytical Chemistry. A course in Quantitative Analysis occupying two terms. It is the aim of this course to make the student familiar with all the important quantitative determinations and separations of the elements, and to this end the different methods, gravimetric, volumetric, and electrolytic are employed.

Fall and Winter Terms, five hours.

6. Analytical and Applied Chemistry. This follows the general course in Quantitative Analysis and includes the analysis of minerals and some of the simpler courses in Technical Analysis. The exhaustive study of these subjects is not attempted, the aim being to give the general methods of work in each.

Spring Term, five hours.

7. Mineralogy. This is offered to any student in the Senior class, who has pursued or is pursuing a course in Qualitative Analysis, and to Juniors in Course 3. The work is conducted by means of lectures, with occasional examinations upon the same. The first part of the term is devoted to the study of crystallography, and of the principal physical and chemical properties of minerals employed in their determination, and the remainder to the classification and special study of the more important minerals.

Fall Term, three hours.

8. Practical Mineralogy. To those who wish to continue the preceding course, practical work is offered to a limited number of students, the aim being to teach the use of instruments and general methods of mineralogical work.

Winter Term, two hours.

FOURTH YEAR

9. Special Analytical Chemistry. For Seniors in Course 3 and for special students. This follows Course 6 in Analytical

Chemistry and is intended for the more exhaustive study of the work there offered, as well as to teach methods of original work.

Fall Term, five hours.

10. ORGANIC CHEMISTRY. The course extends through two terms. The different methods of ultimate organic analysis are taught, as well as the methods of building up compounds synthetically. Subsequently, original work in the formation and investigation of compounds may be undertaken.

Winter and Spring Terms, five hours.

Each of the above laboratory courses is a full equivalent of a five hour a week elective study, each student being required to work two hours a day for five days each week.

HISTORY

The following courses are offered, all elective:

FIRST YEAR

1. Introduction to the Middle Ages.

Fall Term, three hours.

2. Feudal Epoch.

Winter Term, three hours.

3. English History to the Tudor Monarchy.

Spring Term, three hours.

SECOND YEAR

4. Period of the Renaissance and Reformation.

Fall Term, three hours.

5. English History; the Stuart Period.

Fall Term, two hours.

6. American Colonial History.

Winter Term, three hours.

7. The French Revolution.

Spring Term, three honrs.

Courses 1–3 are open to members of the Senior and Junior classes; Courses 4–7 to members of the Senior class only.

ECONOMICS

The following courses are offered:

FIRST YEAR

FOR JUNIORS IN ALL COURSES

1. Elements of Economic Theory.

Spring Term, three hours.

For 1895–6 this course will also be required of Seniors in the Winter Term.

SECOND YEAR

FOR SENIORS IN ALL COURSES

2. History of Political Economy.

Fall Term, three hours.

For 1895–6 this course will be offered to the Seniors in the Spring Term.

3. Introduction to Sociology.

Winter Term, three hours.

This course will not be offered for the year 1895–6.

HISTORY OF ART

In the Senior year instruction is given in the History of Architecture and Sculpture. The hand-books used by the student are largely supplemented with lectures, illustrated by a copious collection of slides and photographs. In these illustrated lectures a calcium light stereopticon is employed. Special attention is given to the origin and development of Greek Architecture. Its connection with earlier styles, particularly with the Assyrian and Egyptian, are noted, and the modifications and additions made by the Romans are also traced. Gothic and Renaissance Architecture are likewise treated. An attempt is made to give some accurate acquaintance with the masterpieces of ancient sculpture, to show the relation between classical and mediæval art, and to bring out those principles which gave to the plastic art of the Greeks its enduring preëminence as the standard of taste.

Fall Term and Winter Term, two hours.

NOTE—The instruction in this subject is given by Professor Andrews.

PHILOSOPHY

FIRST YEAR

FOR JUNIORS IN ALL COURSES

1. LOGIC. It is the object of this department to give the student a thorough knowledge of the subject, embracing both Formal and Applied Logic. The nature, sphere, limitations, and applications of principles are defined and illustrated. To make the study a discipline, and to secure, as far as possible, practical results, the student, during the last half of the term, is subjected to a daily analysis of arguments and fallacies in a manner not only to compel a knowledge of principles and methods, but to induce correct habits of thinking.

Fall Term, five hours.

2. PSYCHOLOGY. Text-book: Murray's Handbook of Psychology.

Winter and Spring Terms, three hours.

2. HISTORY OF GREEK PHILOSOPHY. Courses 8 and 9 in department of Greek. (Elective).

SECOND YEAR

FOR SENIORS IN ALL COURSES

4. ETHICS. Text-Book: Murray's Introduction to Ethics.

Fall Term, three hours.

5. PHILOSOPHY OF RELIGION.

Winter Term, two hours.

6. HISTORY OF MODERN PHILOSOPHY. Falckenberg's History of Modern Philosophy is used as a basis of study. Considerable time is given to reading selected portions of the works of representative philosophers. (Elective).

Three hours throughout the year.

7. HISTORY OF ETHICS. Text-Book; Sidgwick's History of Ethics. (Elective).

Fall Term, two hours.

8. ADVANCED ETHICS. A critical study of the works of recent moralists. (Elective).

Winter Term and Spring Term, two hours.

For courses 7 and 8 may be substituted studies in Metaphysics or Advanced Logic at the option of the students.

In all the courses of the department the text-book is used only as a basis of construction, and is supplemented by lectures, discussions, and essays. Courses in Philosophical reading under the supervision of the professor will be arranged to meet the wants of individual students.

PEDAGOGY

Thecourses in this department are elective, open in general to seniors and to special students. These courses are to be preceded by the general course in psychology. In connection with the class room exercises, practical and experimental work will be systematically pursued. This will consist in attendance at the regular class exercises in Colgate Academy, or some other easily accessible school. Occasionally classes in Colgate Academy will be placed in charge of members of the class in pedagogy. Students have access to a seminary room in the library where an excellent beginning has been made of a special library on education. The following courses are offered:

FOR SENIORS IN ALL COURSES

1. History of Education, with reference to the ideal conceptions of manhood and womanhood that have prevailed at various times and among various peoples, and the methods employed and proposed to realize them. Lectures, reports, and conferences. Three hours' course, two hours in class, one hour in practical and experimental work.

Fall Term.

2. Institutes of Education: an attempt to formulate a rational theory of education to the end that education may be made to conform to the nature of children and youth. Three hours' course, two hours in class, one hour in practical and experimental work.

Winter Term.

3. School Organization and Management, and Methods of Teaching Subjects in Secondary Schools. Lectures on modern school systems, the training of teachers, school discipline, etc. In addition, lectures may be expected from various members of the faculty, treating of the place of their several specialties in the school curriculum, and of the methods and appliances for teaching the same.

It is intended that Courses 1, 2 and 3 shall form a continuous three hour course throughout the year; but the work is so arranged that each term may be taken independently.

Spring Term, three hours.

The LAURIE CLUB, an organization composed of the members of the classes in education, the professors in the several Departments of the University, and the teachers of Hamilton and vicinity, hold semi-monthly meetings during half the year for the discussion of current questions of importance in the field of education. The club also holds occasional public meetings at which an address is delivered, usually by some one not connected with the University.

PHYSIOLOGY AND HYGIENE

A course in Physiology and Hygiene will be required of the Juniors in all courses during the Winter Term. The course will consist of regular text-book work, supplemented by lectures and explanations. The Director of the Gymnasium will act as in-instructor in this department.

Winter Term, two hours.

LECTURES ON LAW

The President will offer to the Senior class a course of lectures in the History, Theory and Practice of the Common Law. The course will consist largely of lectures with required readings and examinations. An attempt will be made to give a knowledge of the history and principles of the English Common Law, supplemented by a study of American decisions and practice. After a brief study of the development of the Common Law system the student's attention will be called to the different topics, such as evidence, pleading, criminal law, commercial paper, torts, con-

tracts, etc., and the main principles under each topic will be discussed and decisions and statutes cited. The course is intended as a brief and simple introduction to a knowledge of the principles of the Common Law which it is thought that all educated men should possess. The purchase of one or more books will be required. The course will be offered as an elective.

Winter Term, three hours.

GENERAL LECTURES TO FRESHMEN

The President will meet the Freshman class once a week throughout the entire year in an exercise for which no preparation will be required. The exercises will consist of general lectures and discussions on topics pertaining to ethics and culture. Attendance will be required.

One hour throughout the year.

Requirements for Graduation

THE BACHELORS' DEGREES

The College provides three distinct and parallel courses of instruction leading to the Bachelors' Degrees:

I. The Course in Arts, requiring Latin and Greek for matriculation, and leading to the degree of Bachelor of Arts.

II. The Course in Letters and Philosophy, requiring Latin or Greek, and German or French, for matriculation, and leading to the degree of Bachelor of Philosophy.

III. The Course in Letters and Science, requiring certain scientific subjects, with French and German, or two years' study of Latin and one year's study of French or German, for matriculation, and leading to the degree of Bachelor of Science.

These several courses extend over four undergraduate years, and consist of prescribed and elective studies in Language and Literature, Mathematics, Natural Science, History and Political Science, Art, and Philosophy. Each student is required to have not less than seventeen hours of work per week, except during the third term of the Senior year, when only twelve are required. In Courses I and II all the work of the first four terms is prescribed, and fourteen hours of the fifth and sixth terms. In Course III all the work of the first two years is prescribed. In the Junior year, Courses I and II have in the first term seven hours of prescribed work, and Course III has thirteen hours prescribed During the remainder of the Junior year all the courses have seven or eight hours of prescribed work. For the first and second terms of the Senior year, three and two hours respectively are required. In the last term of the Senior year all the subjects are elective.

Conspectus of Courses

I. FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

FALL TERM.	WINTER TERM	SPRING TERM
Greek 1,*	Greek 2,	Greek 3,
Latin 1,	Latin 2,	Latin 3,
French 1,	French 1, (continued)	French 1, (continued)
Mathematics 1,	Mathematics 2,	Mathematics 3,
Rhetoric 1,	Rhetoric 1, (continued)	Rhetoric 2,
Public Speaking,	Public Speaking,	Public Speaking,
President's Lectures.	President's Lectures.	President's Lectures.

SOPHOMORE YEAR

Greek 4,	German 1, (continued)	German 1, (continued)
German 1,	Rhetoric 2, (continued)	English Literature 2,
Latin 4,	English Literature 1,	Physics 1, (continued)
Mathematics 4,	Physics 1,	Chemistry 1, (continued)
Rhetoric 2,	Chemistry 1,	Public Speaking and
Public Speaking.	Public Speaking and	Greek 6; or,
	Greek 5; or,	Latin 6; or,
	Latin 5; or,	Mathematics 6.
	Mathematics 5.	

JUNIOR YEAR

Philosophy 1,	Philosophy 2,	Philosophy 2 (continued)
Public Speaking,	Public Speaking,	Public Speaking,
Electives, ten hours.	Physiology,	Economics 1,
	Electives, ten hours.	Electives, nine hours.

SENIOR YEAR

Philosophy 4,	Philosophy 5,	Electives, not less than
Electives. fourteen hours.	Economics 1, (1895-1896 only)	twelve hours.
	Electives, fifteen hours, (twelve hours for 1895-1896).	

*The numeral indicates the number of the course in the department statement.

NOTE—For the list of elective studies see page 47.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
Mathematics 1, Rhetoric 1, Public Speaking, Latin 1, or Greek 1, French 1 or 2, or German 1 or 2.	Mathematics 2, Rhetoric 1, (continued) Public Speaking, Latin 2, or Greek 2, French 1 or 2, or German 1 or 3.	Mathematics 3, Rhetoric 2, Public Speaking, Latin 3, or Greek 3, French 1 or 3, or German 1 or 4.

SOPHOMORE YEAR

Mathematics 4, Rhetoric 2, Public Speaking, Latin 4, or Greek 4, French 2, German 2 or 5, Engineering.	German 3 or 6, Rhetoric 2. (continued) English Literature 1, Physics 1, Chemistry 1, Public Speaking, Mathematics 5, or Latin 5 ; or Greek 5.	German 4, English Literature 2, Physics 1. (continued) Chemistry 1, (continued) Public Speaking, Mathematics 6, or Latin 6, or Greek 6.

JUNIOR YEAR

Philosophy 1, Public Speaking, Electives, ten hours.	Philosophy 2, Public Speaking, Physiology, Electives, ten hours.	Philosophy 2, (continued) Public Speaking, Economics 1, Electives, nine hours.

SENIOR YEAR

Philosophy 4, Electives, fourteen hours.	Philosophy 5, Economics 1, (1895–1896 only) Electives, fifteen hours, (twelve hours for 1895–1896).	Electives, not less than twelve hours.

NOTE - For the list of elective studies see page 47.

III. FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
Mathematics 1,	Mathematics 2,	Mathematics 3,
German 2,	German 3,	German 4.
French 2.	French 2, (continued)	French 3,
Chemistry 2,	Chemistry 3,	Chemistry 4.
Rhetoric 1,	Rhetoric 1, (continued)	Rhetoric 2,
Public Speaking.	Public Speaking.	Public Speaking.

SOPHOMORE YEAR

Mathematics 4.	Mathematics 5,	Mathematics 6,
German 5,	German 6,	Geology 3,
Engineering,	Zoölogy 7,	French 3,
Geology 1,	Rhetoric 2, (continued)	Physics 1, (continued)
Rhetoric 2,	Physics 1,	English Literature 2,
French 2,	English Literature 1,	Public Speaking.
Public Speaking.	Public Speaking.	

JUNIOR YEAR

Physics 1, (continued)	Philosophy 2.	Philosophy, 2, (continued)
Mathematics 7,	Public Speaking,	Public Speaking,
Philosophy 1,	Physiology,	Electives, nine hours.
Public Speaking,	Electives, ten hours.	
Electives, four hours.		

SENIOR YEAR

Philosophy 4,	Philosophy 5,	Electives, not less than twelve hours.
Electives, fourteen hours.	Economics 1, (1895–1896 only),	
	Electives, fifteen hours, (twelve hours for 1895–1896).	

NOTE—For the list of elective studies see next page.

ELECTIVE STUDIES FOR JUNIORS

FALL TERM	WINTER TERM	SPRING TERM
Latin 7,	Latin 8,	Latin 9 or 10,
Greek 7,	Greek 8.	Greek 9, 10,
Semitic Languages 1, 10, 14,	Semitic Languages 1, 4, 8, 14,	Semitic Languages 1, 14,
German 2, 5,	German 3, 6,	German 4, 7,
French 2,	French 2,	French 3,
English Literature 3, 4,	English Literature 5, 6,	English Literature 7, 8,
Anglo-Saxon 9,	Anglo-Saxon 10 or 12,	Anglo-Saxon 11 or 13,
Mathematics 7,	Mathematics 8,	Mathematics 9,
Physics 1,	Physics 1,	Physics 1,
Geology 1, (4 in Course III)	Geology 2, (5 in Course III)	Geology 3, (6 in Course III)
Chemistry 2, (5 in Course III)	Zoölogy 7,	Botany 8,
Mineralogy 7, (Course III only)	Chemistry 3, (5 in Course III)	Chemistry 4, (6 in Course III)
History 1.	Mineralogy 8, (Course III only)	History 3,
	History 2,	Philosophy 3.
	Philosophy 3.	

ELECTIVE STUDIES FOR SENIORS

Junior electives are also open to Seniors when the schedule permits.

FALL TERM	WINTER TERM	SPRING TERM
Semitic Languages 2, 3, 9, 12.	Semitic Languages 2, 5, 9, 11,	Semitic Languages 2, 6, 7, 9, 13,
English Literature 14, 15,	American Literature 16,	Public Speaking 6,
Public Speaking 6,	Public Speaking 6,	Geology 6,
Mathematics 10,	Mathematics 11,	Chemistry 6, 10,
Astronomy 3,	Geology 5,	History 7,
Geology 4,	Chemistry 5, 10,	Economics 2, (1895–1896 only)
Chemistry 5, 9	Mineralogy 8,	Philosophy 6, 8,
Mineralogy 7.	History 6,	Pedagogy 3.
History 4, 5,	Sociology 3, (1896–1897)	
Economics 2,	History of Art,	
History of Art,	Philosophy 6, 8,	
Philosophy 6, 7,	Pedagogy 2,	
Pedagogy 1.	Lectures on Law.	

Graduate Work

I. MASTERS' DEGREES

The University Faculty will recommend for the degree of Master of Arts, Master of Philosophy, or Master of Science, candidates who have received the corresponding Bachelor's degree from any approved college, and who shall have pursued a course of advanced non professional study equivalent to an additional year of college work. Such a course shall consist of a major and a minor subject to be taken in different, but related, departments. Satisfactory examinations must be passed in these studies and a thesis presented on some topic within the field of the major subject. The plan of study must be submitted by October 1st, the subject of the thesis by December 1st, and the thesis itself by May 15th of the year in which the candidate expects to take the degree. Resident graduates giving their full time to the work may be recommended for the degree after one year of study. Resident graduates giving only a portion of their time to the work will not be recommended under two years; if enrolled in the Theological Department, but not candidates for the degree of Bachelor of Divinity, they may be recommended after three years. Non-resident graduates will not be recommended under two years. A copy of the thesis must be deposited in the University Library.

The conferring of the degree of Master in course will be discontinued after the commencement of 1896

Until 1896 the Faculty will recommend for the degree of Master of Arts, or Master of Philosophy, graduates of Colgate University, of at least three years' standing, who have taken the degree of Bachelor of Arts, or Bachelor of Philosophy, and who shall make application for the Master's degree, presenting at the same time a certificate of graduation from a Theological Seminary, a Law School, or a Medical School, or of admission to the practice of law or medicine, or satisfactory evidence of successful labor in that field

of education or literature which may have been permanently chosen.

Until 1896 the Faculty will also recommend for the degree of Master of Science, graduates of Colgate University of at least three years' standing, who have taken the degree of Bachelor of Science, and who shall make application for the Master's degree, presenting at the same time a certificate of graduation from a Medical School, or of admission to the practice of medicine, or who shall present satisfactory evidence of successful professional work actually done, or of the successful prosecution of advanced scientific or professional studies.

II. DEGREE OF BACHELOR OF DIVINITY

The University Faculty will recommend for the degree of Bachelor of Divinity candidates who have received the degree of Bachelor of Arts, and who shall have pursued the full course in Theology according to an approved scheme of electives, and shall have presented a thesis of not less than three thousand words, approved by the Theological Faculty. A copy of the thesis must be deposited in the University Library. The University Faculty will not recommend the conferring of this degree for work done *in absentia.*

Requirements for Admission

GENERAL REQUIREMENTS

All candidates for admission must bring with them testimonials of attainments and of moral character, preferably from their latest instructors, and, if from another college, a certificate of regular dismission.

Candidates for the Freshman class must have completed their fifteenth year, and candidates for a higher class must be advanced in age accordingly.

It is recommended that the candidate be prepared for examination in the requirements as specified, but equivalents will be accepted.

SUBJECTS REQUIRED FOR ADMISSION TO THE FRESHMAN CLASS

I. CLASSICAL COURSE

1. MATHEMATICS: Arithmetic, including the metric system of weights and measures; Algebra:—Taylor's Academic Algebra, or an equivalent in other authors; Geometry:—Wentworth's or Chauvenet's Plane Geometry, or an equivalent in other authors.

To enable students to succeed in the study of Mathematics in the university, the studies of the last year of the preparatory course should include a review of both Algebra and Geometry. Much attention also should be given to original work.

2. ENGLISH. The candidate will be required to write a short composition on one of the several subjects announced at the time of the examination.

In 1896, the subjects will be taken from the following: Shakspere's Merchant of Venice and Midsummer Night's Dream, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, Macaulay's Essay on Milton, Webster's first Bunker Hill Oration, Defoe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, George Elliot's Silas Marner.

It is expected that the candidate will be thoroughly familiar with these works.

The candidate will also be required to correct specimens of bad English.

For 1897: Shakspere's Merchant of Venice and As You Like It, Scott's Marmion, Longfellow's Evangeline, Burke's Speech on Conciliation with America, Macaulay's Life of Samuel Johnson Defoe's History of the Plague in London, Irving's Tales of a Traveller, Hawthorne's Twice Told Tales, George Eliot's Silas Marner.

For 1898: Milton's Paradise Lost, Books I and II; Pope's Iliad, Books I and XXII; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's House of the Seven Gables.

3. History: Doyle's History of the United States, or Montgomery's Leading Facts; Oman's History of Greece, or the section on Greece in Myers' Ancient History; W. F. Allen's History of the Roman People, or the section on Rome in Myers.

4. Physiology and Hygiene. Preparation in some good elementary work on these subjects is expected.

5. Latin. Cæsar's Commentaries, Books I-IV, six orations of Cicero, including that for the Manilian Law and that for the Poet Archias; six books of Vergil's Æneid; Latin Grammar, (Allen and Greenough, or Harkness); and Jones's Exercises in Latin Prose Composition. The foregoing requirements are to be under-

stood as indicating the desired amount of work, not necessarily its precise nature. Students are advised to substitute, if circumstances permit, Rolfe's Viri Romae for a part of the Cæsar, Sallust's Catiline for a part of the Cicero, and to read some of Ovid before beginning Vergil. Full equivalants will be accepted for any of the authors named. It is especially desirable that candidates should have acquired the ability to translate easy passages in prose and verse at sight.

6. Greek. Goodwin's or Hadley-Allen's Greek Grammar; three books of Xenophon's Anabasis; three books of Homer's Iliad, and exercises in Prose Composition, Collar and Daniell's Beginner's Greek Prose Composition is recommended.

II. PHILOSOPHICAL COURSE

1. Mathematics, as for Course I.

2. English, as for Course I.

3. History: In addition to requirements for Course I, the History of England. Some such work as Thompson's England, in Freeman's Historical Series, or Montgomery's Leading Facts, is recommended.

4. Physiology and Hygiene, as for Course I.

5. Latin or Greek. Same preparation in either as for Course I.

6. French or German. The requirements in these are the following;

(*a*) French. 1. A thorough knowledge of the grammatical inflection, with special attention to the irregular verbs. The amount in Whitney's Practical French, or an equivalent, will be accepted. 2. Enough reading to enable the candidate to translate simple prose at sight. No specific authors or works are designated for examination, but the amount read should be about three

hundred pages, of which the larger part should be modern narrative and conversational prose. Five recitations a week during one year should be given to this work.

(*b*) GERMAN. 1. Ability to pronounce German correctly, and to read it with proper intonations. 2. Accurate knowledge of the elements of the grammar. The amount in Joynes-Meissner's Grammar, or an equivalent, will be accepted. 3. Enough reading to enable the candidate to translate simple German at sight. No specific authors or works are designated, but the amount read should be about two hundred pages, of which the larger part should be narrative and conversational prose. Five recitations a week during one year should be given to this work. Preparation by the so-called "natural" method should be supplemented by systematic drill in grammar.

III. SCIENTIFIC COURSE

1. MATHEMATICS, as for Course I.

2. ENGLISH, as for Course I.

3. HISTORY, as for Course II.

4. PHYSIOLOGY and HYGIENE, as for Course I.

5. PHYSICS. Some good elementary work on this subject.

6. CHEMISTRY:—through the non-metals. The candidate will be expected to have sufficient preparation to take up Analytical Chemistry in the Freshman year.

7. Two out of the three following languages:

(*a*) LATIN: two years' study.

(*b*) FRENCH: see 6. (*a*) under requirements for Course II;

(*c*) GERMAN: see 6. (*b*) under requirements for Course II.

ADMISSION TO ADVANCED STANDING

Candidates for admission to any class higher than the Freshman are examined in the previous studies, or their equivalents, of the class which they wish to enter. Students coming from another college, may, at the discretion of the Faculty, be admitted upon certificate in the studies covered. If, however, they enter after the beginning of the Sophomore year, and desire to compete for Commencement honors, they will be expected to pass examination upon the previous work of the course. No person will be admitted to the University, as a candidate for the Bachelor's degree, after the opening of the second term of the Senior year.

ADMISSION TO SPECIAL COURSES

In exceptional cases, students not members of any one of the four classes, nor candidates for a degree, are admitted to the privileges of the University and allowed to take special courses, selected under the direction of the Faculty. Such students will be required to pass a preliminary examination sufficient to ascertain their qualifications for the course proposed, and are subject to the same regulations and discipline, and to the same examinations in the studies pursued, as those who are candidates for a degree.

They cannot compete for prizes or take part at Commencement. They will rank in the catalogue with the class with which they enter the University. These special courses, however, are not offered to those who are members of one of the regular courses, and who have failed to maintain standing.

ENTRANCE EXAMINATIONS

Entrance examinations will be held at the University as follows: Monday and Tuesday, June 15th and 16th, 1896, and again on Tuesday, Wednesday, and Thursday, September 8th, 9th and 10th following.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions in September. Those who remain conditioned after the September examinations or receive conditions at that

time, may be required by the respective officers to study under an authorized tutor.

For the benefit of students living at a distance, who can not conveniently take the June examinations at the University, arrangements may be made by which examinations shall be held under the direction of a college officer or some other authorized person at some convenient point. Under such circumstances the names must be sent to the President not later than May 15th, 1896.

ADMISSION BY CERTIFICATE

The Pass Cards and College Entrance Diplomas of the University of the State of New York, recently issued, will be accepted as equivalent to the requirements for admission definitely covered by them.

Students, also, who have recently completed a full course of study similar or equivalent to that required for matriculation in any course of this University, may, by special arrangement, be admitted to that course on the certificate of the Principal of the school from which they come.

Each certificate must state explicitly the subjects on which the candidate has passed a satisfactory examination, and the Principal must certify to the good character and conduct of the pupil.

The Principals of Academies and other preparatory schools who desire to have their students admitted on certificates are invited to correspond with the President.

Correspondence in relation to admission to any of the college classes should be addressed to the President.

University Extension

Ralph W. Thomas, Secretary

The Department of University Extension was organized in October, 1892. Its purpose is to extend higher educational advantages to those who are unable to reside at the University. To this end the department will give needed assistance at the organization of centers in Central New York, and will arrange for lectures by members of the College Faculty, on the subjects advertised, wherever their services may be required. Each course consists of ten weekly lectures. The University Extension plan comprises lectures, the syllabus, class-work, written-work, guided reading, students' clubs, and final examination at the end of the course. The class-work, written-work, students' club and final examination are voluntary.

While a part of the regular organization of Colgate University, the department aims to carry on its work in connection with the University Extension Department of the University of the State of New York. Final examinations at the Centers are conducted by the State, and all records of Extension scholarship are kept at the Regents' office. The actual teaching, however, is done by Colgate professors, whose aim is to arouse at the various Centers something of the spirit which characterizes work at the University.

Application for circulars, information, assistance in organizing Centers, or courses of lectures offered, should be made to the University Extension Secretary, Colgate University, Hamilton, N. Y. All such applications will receive prompt attention.

The following is a statement of the University Extension Courses offered by professors in the College with the name of the professors who offer them:

GREEK LITERATURE

*Professor Andrews:

Course 1. Greek Literature (with illustrative readings.)

Course 2. History of Ancient Architecture (with stereopticon views.

(*a*) Egyptian.

(*b*) Assyrian.

(*c*) Greek.

(*d*) Roman.

SEMITIC LITERATURE

Professor Schmidt:

Course 1. The Bible in the Light of Historic Research.

Course 2. History of Syria before the Jewish Invasion.

Course 3. History of Egypt.

Course 4. Arabia before Muhammad.

MATHEMATICS

Professor Taylor:

Course 1. Algebra.

Course 2. Calculus.

CHEMISTRY

Professor McGregory:

Course 1. Analytical Chemistry.

Course 2. Applied Chemistry.

* In Europe, on leave of absence.

ENGLISH LITERATURE

PROFESSOR CRAWSHAW:

COURSE 1. Introductory Course to English and American Literature.

COURSE 2. Studies in Shaksperian Drama. (A series of lectures on separate plays of Shakspere.)

COURSE 3. Shakspere's Othello.

COURSE 4. The Elizabethan Drama. (Lectures on representative plays of the leading Elizabethan dramatists exclusive of Shakspere.)

COURSE 5. The English novel.

COURSE 6. English Poetry of the Nineteenth Century.

COURSE 7. American Literature.

COURSE 8. The Study of Literature. (Lectures on the nature, limits, divisions, etc., of literature, methods and principles of study, etc.

GERMAN LITERATURE

PROFESSOR MOORE:

(Over three hundred stereopticon views are used in illustrating these lectures.)

COURSE 1. 1, Old High-German Period.

2, Middle High-German Period.

(*a*) Nibelungenlied. Illustrated.

(*b*) Gudrun and other important works.

3, New High-German Period.

(*a*) Luther and the Reformation. Illustrated

(*b*) Klopstock and Lessing.

(*c*) Goethe. Illustrated.

(*d*) Schiller. Illustrated.

(*e*) The Romantic School.

(*f*) Heine and the Modern Era.

COURSE 2. The Germans.

(1) German Cities, Country, Customs, etc.

(2) Important Epochs in German History.

(3) German Literature.

FRENCH LITERATURE

PROFESSOR MOORE:

COURSE 1. The Seventeenth Century.

(The greater part of this course is devoted to the life and works of Corneille, Molière, and Racine.)

GEOLOGY

PROFESSOR BRIGHAM:

COURSE 1. The Physical History and Scenery of New York, illustrated with stereopticon views. (The department of Geology is securing a collection of the best photographs, with the view of making this series of illustrations as interesting and as complete as possible.)

COURSE 2. The geological work of Water, also illustrated by views and field excursions. Rivers, Glaciers, Glacial Periods, Lakes, Underground waters, and the Ocean, are the chief subjects of the course.

HISTORY

President Smith:

Course 1. Prehistoric Man.

Course 2. Political and Institutional History of Rome.

Course 3. The Mediæval Period: Struggle between the Papacy and the Empire.

Course 4. The French Revolution.

Course 5. American History to the Revolution.

Course 6. The Nineteenth Century.

Course 7. Current Economic Questions.

ALUMNI HALL.

Material Equipment

GROUNDS AND BUILDINGS

The present site of Colgate University was determined by the gift, in 1826, of one hundred and twenty acres of land by Hon. Samuel Payne and his wife. Various additions have been made to the original gift, until now the University grounds cover upward of two hundred acres. Situated near the village of Hamilton, possessed of great natural beauty, with a landscape pleasantly diversified by valley and hill, the location is an ideal one for an institution of learning.

Plans for future improvements have been prepared by Mr. Ernest W. Bowditch, of Boston, one of the leading landscape gardeners of the country. All work on the campus will proceed hereafter in accordance with these plans and under the general supervision of Mr. Bowditch.

The Superintendent of Grounds and Buildings gives close attention to all improvements, and progress is being made toward the highest development of the unusual natural beauty of the campus.

The Athletic Field covers fifteen acres. It contains base-ball and foot-ball grounds, with grand stand, tennis courts, and ample space for field sports generally. Under the auspices of the Athletic Association the usual winter sports afford healthful recreation in their season.

The principal buildings of the college are:

West College. This building was erected in 1827. It contains two large lecture rooms, the museum of Natural History, the laboratory of Geology and Natural History, and accommodations for seventy students.

East College. This building was erected in 1834. It is the main dormitory, and contains accommodations for about ninety

students, and the Janitor's apartments. The living rooms in both East and West Colleges are under the supervision of the students' Dormitory Association, subject to the general control of the Superintendent of Grounds and Buildings. This trial of student self-government, instituted several years ago, has proved to be a decided success.

Alumni Hall. This building was erected in 1860 by the Alumni and friends of the University. It is known in the University Records as the Hall of Alumni and Friends, and contains the college chapel, the room of the college Young Men's Christian Association, six lecture rooms, and a large public hall.

The Chemical Laboratory was the joint gift of the late President Dodge, Col. Morgan L. Smith, of Newark, N. J., Mr. Thomson Kingsford, of Oswego, and Mr. Samuel Colgate, of New York. It was built in 1884, of Hamilton stone, trimmed with brick, and is well adapted to the purposes for which it was built. The building is occupied by the departments of Chemistry and Physics. On the ground floor are two large lecture rooms, well lighted and furnished with necessary apparatus for illustration and experiment. Additional rooms are provided for the storage of apparatus. On the second floor are the laboratory work rooms, which afford opportunity for an extended course in Analytical Chemistry, both Qualitative and Quantitative. The laboratory has been repaired and improved during the past summer, and desks are now provided for thirty-five students.

The Colgate Library. This structure was erected and furnished at a cost of $150,000, and was the gift of Mr. James B. Colgate. It is fire-proof, and in the completeness of its facilities embraces the best results of the large experience of Melvil Dewey, Director of the New York State Library. It contains, besides the offices and work room of the library, two large stack rooms with a capacity sufficient for the growing needs of the University; a spacious reading and consulting room; three seminary rooms; a room for the Baptist Historical Collection; rooms for the use of the

Boards of Trustees; the offices of the President and the Treasurer of the University, and the rooms of the Colgate University Press Club.

THE GYMNASIUM. The building erected in 1893-1894 for the Department of Physical Culture is now complete. It is eighty-one by ninety-four feet and fifty feet high, costructed of Oxford bluestone, trimmed with red sandstone. The first floor contains the Main Hall, sixty-two by fifty feet, with an elliptical running track suspended from the truss roof, and is amply lighted by a large skylight in the center of the roof in addition to the windows at the sides. The Professor's offices, the sparring, fencing, and bicycle rooms, batting cage and Young Men's Christian Association parlor are also on this floor. On the ground floor is the locker room, containing accommodations for four hundred students; adjoining this are tile lined bath-rooms, and a swimming tank, fifteen by forty feet. On the floor above the main hall are the trophy, lecture, and students' room, and a visitors' gallery overlooking the exercise room and running track. The building is thoroughly equipped with the most approved apparatus. A competent director will be at once engaged, and a reasonable amount of athletic training and practice will be required of students in all courses during a large part of the college year.

THE LIBRARY

The Library is intended to meet the needs of all departments of the University. While the daily needs of the students are not forgotten, the aim is to secure, so far as possible, works that may serve as original sources of information for the members of the Faculty in their personal investigations, and also for those students who may be doing seminary work.

The Library already contains over twenty-three thousand volumes, and is enlarged every year by the expenditure of the income of a library fund of $25,000. In the Library are included the following special collections:

(1) The President Dodge gift of more than three thousand five hundred volumes, including an extensive and well selected collection of works on Christian Archæology and art; (2) the Hon. Isaac Davis section, consisting of works on Baptism and works by Baptist authors, annually increased by the income of the fund bequeathed; (3) the William Ward Memorial collection, consisting of Encyclopædias and other works of reference, annually enlarged by the income of a fund given by the late William Bucknell, in memory of Rev. William Ward, D. D., class of 1848; (4) the collection which once formed the library of the American and Foreign Bible Society.

In addition to the contents of the library already mentioned, there is being placed in the library building, in a room especially devoted to its use, the Baptist Historical Collection, now numbering some thirty-five thousand pamphlets and bound volumes. This collection, the gift of Mr. Samuel Colgate, consists of annual reports of associations, state conventions and missionary societies, catalogues of educational institutions, historical sermons and addresses, histories of individual churches, and other documents relating to Baptist history and the religious history of our country. No pains or expense have been spared to make this collection as complete as possible; and it is safe to say that it is the most perfect, and, indeed, almost the only collection of its kind in the world. It will be invaluable to future historical writers of the Baptist denomination, and must be of great value to many others. A pamphlet explaining this collection will be sent on application to the Librarian.

The Library is open daily from 8 A. M. to 5:30 P. M., except on Monday afternoons and Sundays. Students are allowed to take books to their rooms, and also have direct and personal access to a collection of two thousand volumes or more, placed in the reading room. These volumes are changed more or less every term to meet the varying needs of the different departments.

It is the aim of the library staff to make the library of the utmost use to the University. Students of all departments are encouraged to ask for assistance in their work, and to use the reading and seminary rooms for purposes of special investigation,

and tables for magazines and current literature as well as the correspondence table are at the service of all.

APPARATUS AND COLLECTIONS

The departments of Chemistry and Mineralogy, and Physics, occupy the Laboratory building, and are furnished with very complete apparatus for the purposes of instruction. New articles of apparatus are added constantly as they are needed. The courses in Mineralogy have been enlarged during the past year, and by the purchase of a fine working collection of minerals, together with instruments for the study and determination of minerals, students are now offered a short course of practical work in this interesting study.

The Museum of Geology and Natural History contains the following collections:

The Douglass Herbarium, presented by Dr. J. S. Douglass, filling thirty-three volumes, and illustrating the flora of the Northern United States.

The Zoölogical collections, including alcoholic specimens, chiefly collected by the late Professor W. R. Brooks; the conchological collection, consisting largely of tropical species; an excellent display of corals; and a very large and valuable collection of the birds of Europe, the East Indies, and North America, secured for the University by Professor A. S. Bickmore, of New York.

The geological material is arranged in several departments, as follows:

Historical.—An extended series of fossils, illustrating the succession of life in geological time. This collection was purchased for the University by Mr. James B. Colgate, and includes many of Ward's casts of extinct vertebrates.

Systematic.—Affording facilities for comparing the fossil with the existing forms of the several zoölogical groups. This collection has recently been enriched by the addition of a series of Silurian and Devonian corals, from Michigan and Canada.

Dynamical.—Here are found a suite of typical lavas and other volcanic products from many parts of the world; a model of Mount Vesuvius and its environs, and a variety of specimens illustrative of sedimentation, weathering, seashore action, metamorphism, folding, jointing, veins, dikes, and other structures, glacial action, the work of underground water, and the geological effects of organisms.

Lithological.—A typical display of rock-forming minerals and the common rocks resulting from their combination, sedimentary, metamorphic and igneous.

Economic.—This collection was begun by the acquirement of representative building stones of New York and New England. Large additions have recently been made, embracing a wide range of geological materials used in the arts. These additions include several hundred specimens from Colorado, collected at the principal mining camps and from firms in Denver. A highly valuable collection was also secured at the close of the Columbian Exposition, including native gold, silver, copper, ores of gold, silver, platinum, iron, tin, copper, zinc, nickel; fuels, building and ornamental stones, pigments, fire and plastic clays, asbestos, phosphates, road materials and miscellaneous minerals from all sections of the United States and the British Provinces, embracing a rich collection from the resources of New South Wales.

During the past season, Mr. T. J. Welch, of Oil City, Penn., has presented to the University a very complete and valuable collection illustrative of the petroleum industry. It includes nearly two hundred samples of crude oils, a variety of refined products, with models of plants and apparatus.

The lecture room and laboratory are provided with maps, Zittel's and other charts, models, oxyhydrogen lantern, a large variety of slides and photographs, and a lithological lathe. There is also a valuable and very complete outfit of microscopes and other apparatus for biological study, which was donated as a class memorial by the Class of 1889 of this University.

THE GYMNASIUM.

Resources and Aids

ENDOWMENT

Before the Commencement of 1891, the University possessed, in addition to its grounds and buildings, a productive endowment of about half a million dollars; at that time, it received from Mr. James B. Colgate of New York, an additional gift of a million dollars, invested and bearing interest. The conditions of this gift are so arranged that the income of one-half of the amount becomes available for early improvement of the University and extension of its work, while the income of the other half is added for the present to the principal, and thus provides a steadily growing fund to meet enlarged necessities in the future. This noble gift has strengthened the University in all its work, and opened the prospect of permanent and increasing efficiency.

EXPENSES

The necessary expenses of a student in Hamilton are moderate. Tuition is fixed at a price much lower than that of most eastern institutions, while the dormitories furnish commodious and comfortable rooms at a price merely nominal. Moreover, to worthy and capable students, aid is furnished by the Baptist Education Society of the State of New York, and numerous scholarships and premiums are provided by the University. It is intended, so far as possible, that no diligent, worthy student shall leave the institution for lack of means. The friends of the institution have made noble provision for this purpose, but the constant increase of the number of students and the extension of the usefulness of the University, make imperative the need of further provision in aid of promising students. It is hoped that those interested in higher education will be inclined to establish many other general scholarships, applicable at the discretion of the University to the assistance of worthy and capable young men.

The following list includes most of the necessary expenses of the undergraduate student for one year: Tuition, $60.00. This rate will apply to all students hereafter entering the college. Students already members of the college will pay the charge hitherto prevailing, $45.00; room rent, $10.50 or $15.00, according to the location of the room; to a student rooming alone, the rent is $21.00 or $30.00.

An additional fee of $10.00 a term is incurred by those students who take Analytical Chemistry. This sum is intended to cover the expense of chemicals, gas, and the use of general laboratory apparatus. A deposit of $5.00 is required of all students in Analytical chemistry, to cover breakage. Any balance left at the end of the course is returned. A laboratory fee of $2.00 a term is also paid by students in Zoölogy, Botany, and Palæontology, and of $3.00 by those working in the Department of Physics.

The above expenses are payable each term in advance, except as stated above. No deduction is made on account of absence, unless the student enter a lower class.

The fees for the degrees in course, including diploma, are five dollars each, payable in advance.

Board is obtained in clubs at an average cost of $2.25 a week. In private families it varies from $2.50 to $3.50. The cost of board and room in private houses is from $3.50 to $4.50 a week. The students who room in the college dormitories furnish their own rooms. The care of the rooms is in part committed to the janitor, Mr. L. Gilmartin.

UNIVERSITY SCHOLARSHIPS

The University also has at its disposal a number of scholarships, designed for all classes of students, whether students for the ministry or not.

The Trevor Scholarships—A fund of $40,000 was given by the late John B. Trevor, of New York, to establish forty scholarships—twenty yielding $90 a year and twenty yielding $30 a year each—for the benefit of those who have served in the army or navy of the United States. "Soldiers, or their orphan sons, or

sons not orphans, or their brothers, or those dependent on soldiers for support—and in this order of preference—shall have the benefit of these scholarships."

THE GANO SCHOLARSHIP, of $90, established by Mrs. Eliza Rogers, of Providence, R. I.

THE ELEANOR F. DODGE SCHOLARSHIP, of $60, established by Mrs. E. F. Dodge, of Providence, R. I.

THE EDWARDS SCHOLARSHIP, of $72, established by Hervey Edwards, of Fayetteville, N. Y.

THE VAN ANTWERP SCHOLARSHIP, of $60, established by William M. Van Antwerp, of Albany, N. Y.

THE PALMER SCHOLARSHIP, of $60, established by Nelson Palmer, Athens, N. Y., class of 1849.

THE COOLIDGE SCHOLARSHIP, of $54, established by William Coolidge, of Madison, N. Y.

THE PHILLIPS SCHOLARSHIP, of $30, established by Thomas Phillips, of New York.

THE CRISSEY SCHOLARSHIP, of $30, established by Benjamin Crissey, of New York.

THE JEFFERSON TILLINGHAST SCHOLARSHIP, of $30, established by Jefferson Tillinghast, of Newport, N. Y.

THE PEDDIE SCHOLARSHIP, of $30, established by Thomas B Peddie, of Newark, N. J.

THE INGALLS SCHOLARSHIPS, two of $30 each, established by Mr. and Mrs. David W. Ingalls, of Hamilton, N Y.

THE BENJAMIN F. TILLINGHAST SCHOLARSHIP, of $50, established by Benjamin F. Tillinghast, of Cortland, N. Y.

THE CYNTHIA BURCHARD ANDREWS SCHOLARSHIP, of $60, established by the late Mrs. Cynthia Burchard Andrews, of Hamilton, N. Y.

THE PRESIDENT'S SCHOLARSHIPS, ten of $39 each, designed for young men of character and capacity not preparing for the Christian ministry.

Written applications may be made to the Treasurer of the University, W. R. Rowlands, Hamilton, or to any member of the Faculty, giving name, age, residence, purpose in study, and means of support. Those who apply for one of the Trevor Scholarships should also state the military service for which the scholarship is asked.

THE EDUCATION SOCIETY

Students for the ministry, of suitable character and talents, may receive aid from the Baptist Education Society of the State of New York. The amount furnished varies somewhat according to the needs of the student and his position in the course of study. In addition to the regular contributions made to the society for this purpose, it also has control of a number of scholarships, the income of which is to be expended in the education of young men for the Christian ministry. All communications with reference to the amount and conditions of help for ministerial students should be addressed to the Corresponding Secretary of the Education Society H. S. Loyd, D. D., Hamilton.

RELIGIOUS SOCIETIES

THE COLLEGE YOUNG MEN'S CHRISTIAN ASSOCIATION is a large and vigorous organization, devoted to the sustaining and extension of religious life among the students. It sustains weekly meetings, Bible classes, and a workers' training class. At intervals through the year, public addresses of interest and value are delivered under the auspices of the association.

THE VOLUNTEER BAND sustains a weekly missionary prayer meeting and a monthly public meeting, on which occasion papers are

presented on subjects connected with missionary work. The society conducts correspondence with missionaries in the foreign field, and addresses are delivered before it by returned missionaries on practical topics connected with their experience and work.

THE MISSIONARY MUSEUM contains collections from Greece, Hindustan, Burmah, Siam, China, Mexico, Africa, and other missionary fields, illustrative of the customs, arts, dress, and religious rites of those countries.

Prizes

"Only those students who are candidates for a degree can compete for prizes, or other college honors."

"No student is allowed to compete for any prize, unless he has passed all examinations prior to the term in which such competition takes place, and has also maintained standing during the term of competition. No credit in class standing is given for prize work. Students admitted to any class with conditions, must pass examination on the subjects in which conditions have been imposed before competing for any prize."

THE DODGE ENTRANCE PRIZES

Four prizes were established by the late President Dodge for students entering the Freshman class of the Classical Course, to be awarded as follows:

To the three students from Colgate Academy, whose standing during the Academic course shall be the highest, will be awarded a first prize of $30, a second prize of $24, and a third prize of $18, to be paid at the opening of the Freshman year.

A fourth Dodge Prize of $18 may be competed for by students entering from other preparatory schools, and also by such members of the Senior Academic class as entered the class during the year. This examination must be passed before the Saturday of the opening week. The officers hearing the Freshman class are the committee of examination and award.

THE KINGSFORD DECLAMATION PRIZES

Established by Thomson Kingsford, Esq., of Oswego, N. Y.

By their class record for the year, twelve speakers are chosen from the Freshman, Sophomore, and Junior classes, four from each class. Two speakers from each class receive awards. Premiums

of valuable books, for the first and second prizes, are given on Commencement Day to the six successful competitors.

THE BALDWIN GREEK PRIZES

These prizes have been established for the Sophomore class by Hon. D. P. Baldwin, LL. D., class of 1856, Logansport, Ind. The examination, from printed papers, is exclusively in writing, and is upon some author, or work of an author, read by the class in the Spring Term of the Sophomore year. It embraces both grammar and subject matter, with exercises in prose composition. There is a first prize of $18, and a second prize of $12. No student can compete unless his standing in all departments averages at least 8. The committee of award is not connected with the University. The examination which would regularly occur in June, 1896, will be deferred until the following college year.

THE OSBORN MATHEMATICAL PRIZES

These prizes, established in honor of the late Professor L. M. Osborn, have been provided for the Junior class by ten of the Alumni and friends of the University. The examination, which is exclusively in writing, is on the subjects of Analytic Geometry and the Calculus. The prizes, three in number, a first prize of $25, a second prize of $20, a third prize of $15, are awarded by some scholar not connected with the University. No student is allowed to compete for these prizes, whose standing in this, or whose average standing in the other departments, falls below 8. For the present college year the examination will occur April 11th, 1896.

THE SOPHOMORE LATIN PRIZES

The examination is in writing on some author, or work of an author, read during the third term of the Sophomore year. It includes, however, more than is required of the class, and embraces translation, grammar and subject matter. There is a first prize of $25, and a second prize of $15. No student is allowed to com-

pete unless his average standing in all departments is at least 8. The award is made by some scholar not connected with the University.

THE ALLEN ESSAY PRIZES

Established by the Rev. George K. Allen, D. D., Class of 1870

Two prizes of $17 and $13 respectively, are awarded on Commencement Day to two members of the Junior class, for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen:

1. The Reform of the Jury System.
2. The Relation of the Newspaper to Society.
3. Robert Louis Stevenson, as a Novelist.

THE LASHER ESSAY PRIZES

Established by George W. Lasher, D. D.., Class of 1857

Two prizes of $17 and $13 respectively, are awarded on Commencement Day to two members of the Junior class, for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen:

1. Social Tendencies in Modern Fiction.
2. Trusts and the Government.
3. The Place of George Eliot in Literature.

The successful competitors will read their essays before the faculty and students in chapel, on the Friday morning before Commencement.

The following regulations apply to both the Allen and Lasher Prize Essays:

1. Each prize essay must contain not more than fifteen hundred words, and must be so written that the manuscript will show broad

margins, and be suitable for binding; it must be signed with a fictitious name; and this fictitious name must be subscribed in the sealed note containing the writer's real name.

2. Before the day appointed for receiving the prize essays each competitor must register his name with the professor of Rhetoric.

3. The essays which receive awards will remain in the possession of the librarian, and will not be returned to the writers.

THE LAWRENCE CHEMICAL PRIZES

Maintained by Mr. G. O. C. Lawrence, of Buenos Ayres, S. A.

Two prizes, of $25 and $15 respectively, are awarded on Commencement Day, for excellence in Analytical Chemistry. The examination, which is exclusively in writing, is upon the subjects of General and Analytical Chemistry, as given in courses 1–4 Any student in this department, who is a candidate for a degree may compete for these prizes, provided his work in all other departments, is satisfactory, and his average standing in this department is not below 8. The next examination will occur June 3, 1896.

THE JUNIOR HISTORICAL ORATION PRIZES

Maintained by Edward M. Grout, Esq., Class of 1884

Two prizes of $60 and $40 respectively, are awarded to members of the Junior class for excellence in Oratory. These prizes are governed by the following regulations:

1. Any member of the Junior class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration must be on some historical subject of the nineteenth century.

3. The oration presented must contain not more than two thousand words, and, in general, is subject to the regulations for prize composition.

4. From the whole number of orations presented, six shall be selected for public delivery.

5. The public contest shall be held on the Friday evening preceding the close of the Winter Term.

6. The prizes shall be awarded for excellence of thought and composition, and for practical effectiveness rather than technical excellence of delivery.

THE CLARKE ORATION PRIZE

Established by Sidney Clarke, Esq., of Grand Forks, N. D.

The contest for this prize occurs at the opening of the Spring Term, and the prize of $50, for excellence in oratory, is awarded on Commencement Day. The regulations for competition are as follows:

1. Any member of the Senior class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration presented must contain not more than fifteen hundred words, and, in general, is subject to the regulations for Prize Composition.

3. From the whole number of orations presented, six shall be selected for public delivery.

4. The prize shall be awarded on the ground of excellence both in composition and in delivery.

The following topics are offered for the present year, one of which must be chosen:

1. America's Duty to Cuba.
2. The Enforcement of Law.
3. Frederick Douglass.
4. The Socialism of To-day.
5. The Monroe Doctrine.
6. Cromwell and Ireland.

THE CLASS OF 1884 DEBATE PRIZES

The Class of 1884 has established a fund whose annual interest will maintain a public prize debate, to be held during Commencement week. The prizes are $40 and $20.

The regulations governing the Class of 1884 Debate Prizes are as follows:

Competition for the Class of 1884 debate prizes shall be open to all members of the graduating class who have elected debates throughout the Senior Year. These prizes shall be awarded on the following conditions:

1. In connection with the work in debate there shall be held each year a preliminary debate for the selection of speakers for the prize debate.

2. Any member of the graduating class whose work in debate during the year shall be deemed worthy of such recognition may be designated as a candidate for the preliminary debate.

3. From the candidates at the preliminary debate, six speakers shall be chosen to be the competitors in the prize debate.

4. At the prize debate, two speakers shall receive awards.

5. The prizes shall be conferred on Commencement Day.

THE LEWIS COMMENCEMENT ORATION PRIZE

Established in Memory of George W. M. Lewis, of Utica, N. Y., by the late Professor John James Lewis, LL. D.

On Commencement Day of each year the sum of $60.00 will be awarded to that member of the graduating class who excels in the composition and delivery of an original oration.

Regulations of the Competition for the George W. M. Lewis Commencement Prize:

1. Every candidate for a degree, who shall be appointed to speak at Commencement, may compete for this prize.

2. Eight minutes shall be the limit of time for the delivery of each oration.

3. The committee of award shall consist of five persons not residents of Hamilton.

4. The sum of $60 shall be awarded, without division, to one orator before the close of the Commencement exercises.

THE CHEMICAL LABORATORY

Regulations

Few formal laws are laid down by the College for the government of its students. It is expected that each student, during his residence at the College, will conduct himself in all his relations as a gentleman. Beyond this, formal laws are unnecessary. Examinations, oral or written, are conducted each term in the studies of the term. These examinations are conducted publicly, by a committee appointed by the Faculty, and are made a test of the student's proficiency and qualification for advancement. Besides the examination each officer grades the scholarship of his students at each exercise in the following scale of merit: Maximum Grade, 10; Superior, 8; Medium, 6; Inferior, 4; Minimum, 2. At the close of each term, the average standing is recorded.

No student shall be considered to have passed the term examination whose term standing shall not have reached at least 6, such term standing to be made up from the mark for the term's work and the mark for examination, combined in the proportion of 4 to 1. No student, except by special vote of the Faculty, shall be advanced from any class to the next higher, unless he have an average standing of 6 in every department of study.

Delinquents in term examinations, who fail to present themselves at the special examination succeeding, or who fail to pass such examination, are deprived of all privileges of the class room, unless a postponement of examinations to a definite time is granted by special action of the Faculty. The above regulation applies also to students who for any reason shall fail to meet their appointments in public speaking, and shall not have made up the same before the close of the term in which the appointments occurred.

If a student shall marry during his course of study, he thereby dissolves his connection with the University. The question of re-admission is subject to the discretion of the Faculty, but in no case shall he be allowed to re-enter his class.

For Sophomore electives, choices must be registered on or before the first day of each term, but it is desirable that they be reported before the close of the preceding term. After the second Friday night of the term no changes will be allowed, and none before that time, except by special vote of the Faculty. Juniors and Seniors, before the first Friday evening of the Fall term, must make their elections for the entire year. In case of failure so to do, elective studies for the year will be arranged by a committee of the Faculty. Senior and Junior electives may be changed only by consent of the Faculty.

Students pursuing a select course, not candidates for a degree, may upon application to the President receive a certificate stating the courses which they have successfully completed. No degree, however, can be conferred, or certificate given, unless the applicant shall have sustained a good moral character, settled all college bills, and returned all books and paid all fines to the Library.

Only those students who are candidates for a degree can compete for prizes or other college honors. But all who enter the regular courses, candidates for a degree, are placed upon an equal footing in such competition, unless specified conditions are made.

No student is allowed to compete for any prize, unless he has passed all examinations prior to the term in which such competition takes place, and has also maintained standing during the term of competition. No credit in class standing is given for prize work. Students admitted to any class with conditions, must pass examinations on the subjects in which conditions have been imposed, before competing for any prize.

All graduating orations must be presented on the sixth Thursday before Commencement. Any Senior who shall not present his oration by the time specified shall be debarred from all recitations until the oration is presented. The Commencement speakers shall be chosen from those who present orations at the specified time, and the merit of the orations shall be taken into account in choosing the speakers.

No student is expected to be absent from any college exercise except in cases of necessity. In order, however, to provide for necessary absences of students, a certain number of absences will

be allowed in each subject in accordance with the following regulations:

1. No student shall be allowed to absent himself from more than one-tenth of the whole number of exercises in any course during one term.

2. Any student desiring to be excused from reciting in any exercise shall be charged with absence.

3. No absence in excess of the number allowed shall be excused for any cause whatever.

4. Any student exceeding his allowed number of absences shall be expected to pass all reviews and term-reviews, and shall afterwards be required to pass a special examination before the first Saturday night of the following term. Failing to pass the said special examination, the student shall be required to take the subject again in the class room. Failing to present himself for the special examination, the student shall be debarred from recitation in any subject until he shall take the said special examination.

5. Continued absence, without cause, in excess of the allowed number of absences, may become a subject for discipline.

6. As respects attendance at chapel, the same proportion of absences shall be allowed as in the case of class room exercises.

7. Excess of the allowed number of absences from the chapel exercises may become a subject for discipline.

Students

SENIOR CLASS

ABRAHAM LINCOLN ABERCROMBIE, Pomona, Fla.	I	Φ K Ψ House.
IRA WILCOX BINGHAM, Spencer.	II	Φ Γ Δ House.
WILLIAM EDWARD BRADFORD, Owatonna, Minn.	III	Δ Υ House.
WILLIAM HENRY BROWN, Dresserville.	II	Mrs. F. R. Brown's.
JOHN PILLSBURY CARTER, Concord, N. H.	I	Φ Γ Δ House.
JOSEPH BERTRAM CRANDALL, Brooklyn.	I	Δ Υ House.
BURT BUDINGTON GRENELL, Detroit, Mich.	I	Δ Υ House.
WALTER LINCOLN HUGHES, Brooklyn.	II	13 W. C.
WALTER ADNA LEONARD, Hoosick Falls.	I	Φ K Ψ House.
FREDERICK CROSBY LOVETT, Brandon, Vt.	I	Φ K Ψ House.
CHARLES ELMENDORF MILLS, Dennysville, Me.	I	Δ Υ House.

CYRUS WILLIAM NEGUS, Penn Yan.	I	Δ K E Pierce Memorial.
ARTHUR CHASE ROWE, Poughkeepsie.	I	Δ Υ House.
CHARLES RUNYON, Stelton, N. J.	III	B Θ P House.
FRANCIS ABNER SMITH, West Winsted, Conn.	I	Δ K E Pierce Memorial.
ELMER LEROY STEEN, Owego.	I	12 W. C.
JOHN CLARK TIBBITTS, Utica.	II	25 E. C.
WILLIAM LOUIS WHEELER, Hamilton.	III	Φ K Ψ
FOSTER HAMILTON WHITE, Seneca Falls.	I	B Θ P House.
WILLIAM HOADLEY WINEGAR, Amsterdam.	I	Professor Brigham's.
HARRY SUNDERLAND WINTERS, De Land, Fla.	I	Φ K Ψ House.

SENIORS, ... 21

JUNIOR CLASS

FRANKLIN LUTHER BARKER, Homer.	I	Φ K Ψ House.
ESMOND BARTON BEARDSLEE, Little Meadow, Pa.	I	Δ K E Pierce Memorial.
JOSHUA GREGORY BOOMHOWER, Delhi.	I	Φ K Ψ House.

CHARLES WHITMAN BRIGGS, Deposit.	I	Mrs. M. D. Kinmonth's.
EDWARD BROWN, Martville.	II	*Φ Γ Δ* House.
L. J. CALDWELL, Amsterdam.	II	*Δ Υ* House.
NELSON LEONARD COLEMAN, Red Creek.	I	*Δ Υ* House.
JOHN BARBER CREIGHTON, Malone.	II	*Δ Υ* House.
JOHN WELLINGTON FINCH, Earlville.	I	*Δ K E* Pierce Memorial.
WARWICK STEPHEN FORD, Camden.	I	*B Θ P* House.
JAMES EDWARD GRANT, Hamilton.	III	Mr. J. B. Grant's.
FRANCIS WAYLAND GODDARD, Ningpo, Japan.	I	Miss Berry's.
HENRY DAVID GRAY, Auburn.	II	*Δ Υ* House.
GLEN ARNOLD GROVE, Fayetteville.	I	2 W. C.
WILLIAM GUILLAN, Brooklyn.	I	*Φ K Ψ* House.
ARTHUR JOHN HAGGETT, Brooklyn.	I	*Φ K Ψ* House.
LAMONT FOSTER HODGE, Reading, Pa.	I	*B Θ P* House.
WILLIAM THOMAS HUDSON, Auburn.	III	*Δ K E* Pierce Memorial.

EDGAR RHUEL HYDE, Groton.	I	Φ Γ Δ House.
EDGAR SHUGERT INGRAHAM, Oil City, Pa.	II	37 W. C.
WILLIAM BAXTER KELSEY, Brooklyn.	II	13 W. C.
CLARENCE DARWIN KINGSLEY, Syracuse.	III	Δ Υ House.
ZALMON CHASE LARIEW, Waverly.	I	Φ Γ Δ House.
ERNEST NEAL LYON, Jersey City, N. J.	I	Φ Γ Δ House.
BEAUMANN LOWE NEWKIRK, Broadalbin.	II	32 E. C.
JOHN MILTON OAKSFORD, Gloversville.	I	College Street.
ERNEST ARTHUR PRENTICE, Little Falls.	I	Δ Υ House.
HENRY BAILEY RATHBONE, New York.	II	Φ K Ψ House.
RAYMOND PARSONS ROBERTS, Perth Amboy, N. J.	III	Δ K E Pierce Memorial.
ROBERT GILLIN SEYMOUR, JR., Lowell, Mass.	I	Δ K E Pierce Memorial.
DILL BRONSON SMITH, Hamilton.	I	Mr. LaMott Smith's.
KENDALL PROCTOR SMITH, West Winfield.	I	Δ K E Pierce Memorial.
EDWIN CYRUS TANNER, Fenner.	I	Mrs. Manchester's.

WALTER HAMMOND WILEY, Ballston Spa.	II	Δ K E Pierce Memorial.
CYRUS GEORGE WILSON, Fenner.	I	16 W. C.
HOWELL ROLAND WOOD, Auburn.	III	Δ K E Pierce Memorial.
WESLEY EVERETT WOODS, Collinsville, Conn.	III	Δ K E Pierce Memorial.

Not Candidates for a Degree.

WILLIAM EDWARD BABCOCK, Constantia.	35 W. C.
FRANK HERRICK NEWLAND, Clifton Springs.	Mrs. F. H. Newland's.
JAMES ARTHUR ROLFE, North Manlius.	Mrs. Manchester's.
CHARLES SCHWEICKERT, New York.	23 E. C.

JUNIORS, ... 41

SOPHOMORE CLASS

ULYSSES FAYETTE AXTELL, Barbourville.	I	Mrs. Baum's.
IRVING BACON, El Cajon, Cal.	III	Mrs. C. Smith's.
MYRON EDWIN BAILEY, Minneapolis, Minn.	I	28 W. C.

WILLIAM WALKER BARKER, Fredonia.	I	35 W. C.
THEODORE FRENCH BROOKINS, Norwich.	III	36 E. C.
JOSEPH FINTON BULLOCK, Crosby.	III	*Φ K Ψ* House.
JOHN GOODING CARPENTER, Westport.	II	*Δ K E* Pierce Memorial.
ARTHUR WARREN COLLARD, Paterson, N. J.	I	*B Θ P* House.
BERT ARTHUR COOK, Minneapolis, Minn.	III	*Δ K E* Pierce Memorial.
THOMAS WESLEY DAMMES, New York.	I	Mrs. D. Reed's.
MILTON SQUIRES DEAN, Binghamton.	I	Mr. H. Tibbits's.
STEPHEN EARLY, Owatonna, Minn.	I	*Φ K Ψ* House.
FRED PRATT ERNSBERGER, Auburn.	III	*Δ K E* Pierce Memorial.
HIRAM LOREN FASSETT, Scottville, Pa.	I	28 W. C.
SPENCER JAMES FORD, Camden.	II	*B Θ P* House.
HOWARD MARVIN GAYLORD, Bristol, Conn.	II	*Δ K E* Pierce Memorial.
WILLIAM WALTER GRANT, Delhi.	I	Mrs. F. R. Brown's.
ALTON LAWRENCE HALL, Hamilton.	I	Mr. Hall's.
ASA ZADEL HALL, Hamilton.	I	Mr. Hall's.

HARRY HERBERT HAYS, Dundee.	III	College Street.
FREDERICK CHARLES HICKS, Auburn.	II	Δ Υ House.
RICHARD DWIGHT HUDSON, Auburn.	II	Δ Υ House.
STEPHEN SANBORN HUSE, Jr., Newton Junction, N. H.	I	Mr. W. R. Rowlands's.
MATTHEW FRANCIS HYLAND, Hamilton.	II	Mrs. M. J. Hyland's.
FREDERICK BIRD JONES, Auburn.	I	22 W. C.
ELBERT HILLIS LOYD, Gloversville.	II	Δ Κ Ε Pierce Memorial.
THOMAS D'ARCY LUCUS, New York City.	I	Mrs. Hardy's.
ANTONIO MANGANO, Hempstead.	I	28 E. C.
ALLEN LAPP METZ, Williamsville.	I	Φ Κ Ψ House.
CHARLES MCKENZIE NEWTON, Bangor, Wis.	I	Mrs. Hardy's.
EDWIN MERRILL RANDOLPH, St. Louis, Mo.	I	2 W. C.
ALPHEUS BRUCE REYNOLDS, Victory.	I	27 E. C.
ARTHUR FREEMAN RHINEHART, Westville Centre.	III	28 W. C.
CHARLES HATCH SEARS, Fabius.	I	36 W. C.

HARRY MEEKER SHELDON, Westport.	II	29 W. C.
DAYTON FULLER SMITH, Hamilton.	III	Mr. S. D. Smith's.
JOHN MOORE STILES, Deposit.	I	36 W. C.
MERTON ERNEST STUBBS, Colorado Springs, Colo.	II	Δ *K E* Pierce Memorial.
ROBERT DOUGLASS TABER, Skaneateles.	I	35 W. C.
JEREMIAH MCKAY THOMPSON, Dundee.	II	22 E. C.
FRED WILLIAM TOMLINSON, Wales Centre.	I	33 W. C.
JULIUS TUCKERMAN, Saxton's River, Vt.	I	Mrs. Bates's.
EDWIN THEODORE WELCH, Oil City, Pa.	II	Δ *Y* House.

Not Candidates for a Degree.

ABRAHAM LINCOLN BOYNTON, Ausable Forks.	34 E. C.
FRANCIS ALBERT CUNNINGHAM, Brooklyn.	48 E. C.
CHARLES LAMOTT DOUGLASS, Poolville.	Mr. Samuel Hopkins's.
FREDERICK VALENTINE EMERSON, Tillotson, Pa.	32 W. C.
BENJAMIN FRANCIS GEHRING, Busti.	Mrs. Clark's.

GEORGE WILSON JONES, Utica.		24 E. C.
CLAYTON GASTON MABEY, Fleming.		10 W. C
WILLIAM GANSFORD MACK, Wolcott.		Φ K Ψ House.
EDWARD ALLISON MEAD, New York.		Mr. J. E. Morgan's.
THEODORE OSOL, Boston, Mass.		Mrs. James's.
LOUIS ABLEMAN STREMPLE, Albany.		Mrs. James's.
GEORGE WILLIAM STROBEL, Ohio.		B Θ P House.
*MICHAEL ELLSWORTH WHEELER, Black Rock, Md.		Φ Γ Δ House.
MORGAN WHITE, Hamilton.	II	Mr. S. D. White's.
SOPHOMORES, ...		57

FRESHMAN CLASS

THOMAS ALLEN, Belchertown, Mass.	I	B Θ P House.
LOUIS E. BIRD, Victory.	II	Φ Γ Δ House.
RALPH POTTER BLISS, Auburn.	III	Mr. W. R. Rowlands'.
LESTER WELLS BOARDMAN, Geneva.	I	Mr. W. R. Rowlands'.

*Deceased November 9th, 1895.

FRANK CHRISTIAN BUTTERBRODT, I Mrs. Kingsley's.
Beaver Dam, Wis.

ARTHUR COWIN CADY, I 13 E. C.
Rozetta, Ill.

JOHN DABOLL WEBSTER CHESTER, I $B\ \Theta\ P$ House.
Noank, Conn.

FRANK FERRIS DUNHAM, I Mrs. Brown's.
Owego.

GEORGE EVERETT ELDRED, II Mr. Eldred's.
Hamilton.

GEORGE CHARLES EMBODY, III Mr. W. R. Rowlands.'
Auburn.

LOUIS THOMAS FOREMAN, I 13 E. C.
Chicago, Ill.

HARRY EMERSON FOSDICK, I $\Delta\ \Upsilon$ House.
Buffalo.

NAT FRAME, I $\Phi\ K\ \Psi$ House.
Belleville.

FRANK CHESTER FRISBIE, II $\Phi\ \Gamma\ \Delta$ House.
Amsterdam.

BERTON ANSON GARRETT, II Mr. W. B. Vassar's.
Ballston Spa.

GEORGE KIRKPATRICK HAMILTON, I 2 W. C.
Buffalo.

ELMER PUTNAM HARRINGTON, III 29 W. C.
Moriah Center.

STEPHEN HOLDEN, JR., I 39 E. C.
Sherburne.

MANFORD MONROE JENKINS, I $\Phi\ \Gamma\ \Delta$ House.
Adams Center.

FRANK ALVORD JENNINGS, Hamilton.	II	9 W. C.
ROBERT McDONALD KIRKLAND, New Berlin.	I	Mr. Davies'.
FRANCIS ULYSSES KOHLER, Fairport.	I	2 W. C.
ROBERT HEFFRON LEWIS, Syracuse.	I	Mrs. Johnson's.
CLAUDE C. LYTLE, Wolcott.	II	Mrs. Hardy's.
WALTER CLARK MASON, Hamilton.	I	50 Broad St.
FRED JOHN NEVINGER, Johnsonsburg.	III	22 W. C.
MERRILL JOSEPH OBER, Sandy Hill.	III	Φ Γ Δ House.
CHARLES HERBERT OLIVER, Boston, Ont., Canada.	I	48 E. C.
EVERETT JOSEPH PARSONS, Berlin, Wis.	I	Mr. Dunn's.
HOMER LOCKWOOD POST, Owasco Lake.	I	10 W. C.
CORNELIUS EDWARD SCHAIBLE, Brooklyn.	I	48 E. C.
CHARLES ALEXANDER SCHENCK,	I	Prof. Langworthy's.
WILLIAM FLOYD SEARS, Sherburne.	II	27 E. C.
CLAYTON BYRON SIMMONS, Oil City, Pa.	I	Mr. W. B. Vassar's.

FRANK STRADLING, Hamilton.	I	Mr. Stradling's.
CLYDE HERWOOD SUNDERLAND, Oakland, Cal.	II	Δ Γ House.
LOUIS CLARK TINKER, Sharon, Pa.	I	Mr. W. B. Vassar's.
STUART ROOT TREAT, Auburn.	II	9 W. C.
GEORGE BURWELL UTLEY, Hartford, Conn.	II	Mr. W. R. Rowlands'.
CHARLES EARL WALTERS, Beaver Dam, Wis.	II	Mrs. Kingsley's.
LOUIS HARMON WATKINS, Montour Falls.	II	Mr. J. E. Morgan's.
SEYMOUR BENNETT WELLER, Montour Falls.	II	Mr. Morgan's.
HAROLD ORVILLE WHITNALL, Syracuse.	III	Δ K E Pierce Memorial.

Not Candidates for a Degree.

WILLIAM WALLSETT BULLOCK, Crosby.	Φ K Ψ House.
FRANK BENNETT LANE, New Brunswick, N. J.	Mrs. A. Waldron's.
ALBERT RYERSON MILLS, New York.	34 W. C.
WILLIS DE VER SHULER, Hamilton.	Bluff St.
PO MYA TAYNAU.	Miss Chadwick's.

FRESHMEN, ... 48

SUMMARY

Seniors,	21
Juniors,	41
Sophomores,	57
Freshmen,	48
Total,	167

ABBREVIATIONS

E. C.,	East College.
W. C.,	West College.

CHAPTER HOUSES.

1. Delta Kappa Epsilon.
3. Beta Theta Pi
4. Phi Kappa Psi.

Commencement Week

JUNE 16–20, 1895

SUNDAY, JUNE 16th

10:30 A. M. Baccalaureate Sermon by Professor ALBERT PERRY BRIGHAM.

7:30 P. M. Sermon before the Theological Seminary by Rev. ANSON JUDD UPSON, D. D., LL. D., Chancellor of the University of the State of New Zork.

MONDAY, JUNE 17th

3:00 P. M. Kingsford Prize Declamations.

7:30 P. M. Concert of University Glee and Banjo Club.

TUESDAY, JUNE 18th

9:00 A. M. Meetings of the Boards of Trustees.

10:00 A. M. Graduating Exercises of Colgate Academy.

3:00 P. M. Class of 1884 Prize Debate.

7:30 P. M. Seventy-eighth Anniversary of the Baptist Education Society of the State of New York. Addresses by Rev. T. G. CASS, of Norwich, and Hon. THOMAS L. JAMES, of New York City.

WEDNESDAY, JUNE 19th

10:30 A. M. Theological Seminary Commencement. Address to the Graduating Class by Dr. BURNHAM.

2:00 P. M. Business Meeting of the Phi Beta Kappa.

3:00 P. M. Class Day Exercises.

7:30 P. M. Meeting of the Alumni Association. Oration by Hon. CEYLON H. LEWIS, A. M., Class of 1873, of Syracuse, N. Y.

THURSDAY, JUNE 20th

10:00 A. M. University Commencement.

1:00 P. M. Alumni Dinner.

Evening. Senior Promenade.

Commencement Exercises

THURSDAY, JUNE 20, 1895

INVOCATION

MUSIC

ORATION — The New Chivalry
DANIEL HUNT CLARE

ORATION — Nemesis in History
JESSE BUTRICK DAVIS

ORATION — Bismarck: the Founder of German Unity
ELMER DANIEL GRANT

ORATION — Pulpit Eloquence
JOHN WILLIAM GRIFFITH

ORATION — Edward Everett: His Place in American History
FREDERICK WILLIAM HATCH

ORATION — The First American
HERBERT EDWARD NIMS

ORATION — Charles Sumner
MARKHAM WINSLOW STACKPOLE

ORATION — The German Schoolmaster
JAMES PADDOCK TAYLOR

ORATION — Socialism or Progress
ABBOTT REVERE WALKER

ORATION — The Work of the War Governors
FRANK MARTIN WILLIAMS

*ORATION — The Perpetuity of the Republic
HERBERT DANIEL WINTERS

Conferring of Awards and Degrees

Benediction

*Excused.

Degrees

CONFERRED JUNE 20, 1895

A. B.

John Stillwell Applegate
Emory Arthur Bacon
Byron Arthur Bown
George Henry Carr
Howard Eldridge Chester
Daniel Hunt Clare
Jesse Butrick Davis
Elmer Daniel Grant
John William Griffith
Frederick William Hatch
Fayette Smith Munro
Philip Allen Munro
Herbert Edward Nims
Markham Winslow Stackpole
James Paddock Taylor
James Olin Turner
Abbott Revere Walker
Frank Martin Williams
George David Williams
Herbert Daniel Winters
Walter Payne Winters

Ph. B.

J. Arthur Hilton
Edward Howard Sheldon
Louis Almon Squires

B. S.

Howard William Crydenwise

A. M. (in course)

Emmet Inman Case
George Sheldon Beckwith
Louis Carl Huestis Biggs
Harvey William Chollar
Archibald Smith Knight
Burton Henry Marenes
Frank Hazen Potter
Henry Sterling Potter
George Dicker Knights
Newton Clark Holdridge
Edgar Barnes
Charles Witcraft Haines
Ernest Ethan Race
James Verne Sturges
Walter Deming St. John
Henry Merritt Richmond

A. M. (on examination)

Sherman Lorenzo Howe

PH. M. (in course)

Howard William Murphy

B. D.

George Sheldon Beckwith
Louis Carl Huestis Biggs
Harvey William Chollar
Burton Henry Marenes
Henry Sterling Potter
Gove Griffith Johnson

D. D.

Rev. Owen Davies of Carnarvon, North Wales
Rev. George Klotz Allen, Class of 1870, Perth Amboy, N. J.

LL. D.

Hon. Charles R. Skinner, Superintendent of Public Instruction, Albany, N. Y.

L. H. D.

Chancellor Anson Judd Upson, D. D., LL. D., of Glens Falls, N. Y.

Honors

PHI BETA KAPPA

The following members of the class of 1895 were admitted to the Phi Beta Kappa Society:

Daniel Hunt Clare
Elmer Daniel Grant
John William Griffith
Herbert Edward Nims
James Paddock Taylor
Frank Martin Williams
Herbert Daniel Winters

THE LEWIS COMMENCEMENT ORATION PRIZE

Daniel Hunt Clare

Committee of Award:

Hon. John S. Applegate, Red Bank, N. J.
Rev. A. C. Osborn, D. D., Columbia, S. C.
Rev. A. W. Bourn, Gloversville
Rev. L. B. Curtis, Suffield, Conn.
Professor George H. Meyer, Lake Forest Academy, Ill.

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John William Griffith

Committee of Award:

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Charles H. Van Tuyl, Hamilton
Professor William H. Crawshaw, Hamilton

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Charles Elmendorf Mills — *Second*

Committee of Award:

Professor WILLIAM H. CRAWSHAW, Hamilton
CHARLES W. UNDERHILL, Esq., Hamilton
Rev. C. S. SAVAGE, Hamilton

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Hon. THOMAS L. JAMES, New York

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KENDAL PROCTOR SMITH — *First*
FRANCIS WAYLAND GODDARD — *Second*

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THE OSBORN MATHEMATICAL PRIZE

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THE SOPHOMORE LATIN PRIZES

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CLASS OF 1896

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ABRAHAM LINCOLN ABERCROMBIE	*Second*

CLASS OF 1897

HENRY DAVID GRAY	*Firs*
ERNEST NEAL LYON	*Secon*

CLASS OF 1898

EDWIN MERRILL RANDOLPH	*First*
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Chancellor ANSON JUDD UPSON, D. D., L. H. D.
Professor ROWLAND P. GRAY, University of Rochester
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THE DODGE ENTRANCE PRIZES

CLASS OF 1899

Awarded to students prepared for College at Colgate Academy

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THOMAS ALLEN	*Second*
CLAUDIUS CURTISS WOODWORTH	*Third*

Alumni Association

The membership of this Association is composed of graduates from any one of the collegiate or theological courses of study in Colgate University, and of such persons as have received honorary degrees from the University, and who, after application, are elected at the annual meeting. It also includes associate members duly elected at the annual meeting.

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Calendar

1895 | 1896

SEPTEMBER						
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University Calendar

1895

September 12.	Fall Term commenced, Thursday.
November 5.	Holiday, Election Day, Tuesday.
November 28–30.	Thanksgiving Recess.
December 18–20.	Term-Examinations, Wednesday, Thursday, Friday.
December 20.	Fall Term closes, Friday.

VACATION OF TWO WEEKS

1896

January 7.	Winter Term commences, Tuesday.
January 11.	Special Examinations, Saturday.
January 11.	Clarke Prize Orations presented, Saturday noon.
January 25.	Junior Prize Orations presented, Saturday noon.
January 30.	Day of Prayer for Colleges, Thursday.
February 14.	Clark Prize Exhibition.
February 22.	Holiday, Washington's Birthday.
March 13.	Junior Oratorical Exhibition.
March 18–20.	Term-Examinations, Wednesday, Thursday, Friday.
March 20.	Winter Term closes, Friday.

VACATION OF ONE WEEK

March 31.	Spring Term commences, Tuesday.
April 4.	Sophomore Latin Prize Examination, Saturday.
April 4.	Special Examinations, Saturday.
April 11.	Osborn Mathematical Prize Examination, Saturday.
April 11.	Lasher and Allen Prize Essays presented, Saturday noon.
April 17.	Patron's Day, Friday.
May 7.	Commencement Orations presented, Thursday noon.
May 30.	Holiday, Memorial Day.
June 3.	Lawrence Chemical Prize Examination, Wednesday afternoon.
June 10–12.	Term Examinations, Wednesday, Thursday, Friday.
June 15, 16.	First Entrance Examinations, Monday, Tuesday.
June 15.	Kingsford Prize Declamation, Monday afternoon.
June 16.	Anniversary of Colgate Academy, Tuesday morning.
June 16.	Class of 1884 Prize Debate, Tuesday afternoon.
June 16.	Meeting of University and Education Society Boards, Tuesday.
June 16.	Annual Meeting of the Education Society, Tuesday evening.

June 17.	Anniversary of the Divinity School, Wednesday Morning.
June 17.	Meeting of the Alumni Association, Wednesday evening.
June 18.	SEVENTY-SIXTH COMMENCEMENT of Colgate University, Thursday.

VACATION OF TWELVE WEEKS

September 8–10.	Second Entrance-Examinations, Tuesday, Wednesday, Thursday.
September 10.	Fall Term commences, Thursday.
September 12.	Special Examinations, Saturday.
November 3.	Holiday, Election Day, Tuesday.
November 26–28.	Thanksgiving Recess, Thursday, Friday, Saturday.
December 16–18.	Term-Examinations, Wednesday, Thursday, Friday.
December 18.	Fall Term closes, Friday.

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THE HILL, FROM THE ACADEMY.

LIBRARY
OF THE
UNIVERSITY of ILLINOIS.

COLGATE UNIVERSITY

THE COLLEGE

SEVENTY-SEVENTH ANNUAL CATALOGUE

1896-1897

HAMILTON, N. Y.
1896

Printed at Newburgh, N. Y.
By The Journal Press.

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*Died May 4th, 1896

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Assistant Librarian

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Janitor

VIEW FROM EATON HALL.

INSTRUCTION

COURSES

The College provides three distinct and parallel courses of instruction leading to the Bachelor's degrees:

I. The Course in Arts, requiring Latin and Greek for matriculation, and leading to the degree of Bachelor of Arts.

II. The Course in Letters and Philosophy, requiring Latin or Greek, and German or French, for matriculation, and leading to the degree of Bachelor of Philosophy.

III. The Course in Letters and Science, requiring for matriculation certain scientific subjects, together with at least four years study in German, French, and Latin, or in any two of them, and leading to the degree of Bachelor of Science.

Each of these courses extends over four years, and consists of prescribed and elective studies in language and literature, mathematics, natural science, history and political science, art, and philosophy. Every student is required to have not less than an average of seventeen hours of work per week in each year; but, in the third term of the Senior Year, only twelve hours are required. In Courses I and II, all the work of the first four terms is prescribed, and fourteen hours of the fifth and sixth terms. In Course III, all the work of the first two years is prescribed. In the Junior Year, each of the Courses has five hours of prescribed work. All the work of the Senior Year is elective.

The following is a detailed statement of the methods and courses of instruction in the several departments of the College, prepared by the respective officers. The courses described above are designated throughout by Roman numerals: department courses by Arabic numerals. Unless otherwise stated, each department course occupies one term.

LATIN

The work of this department is intended to enable the student to read Latin with rapidity and accuracy, and to acquire, through the literature as far as possible, definite ideas of Roman life and culture. In the work of the first year, the essentials of syntax are reviewed and illustrated by exercises in prose composition, based on Ciceronian Latin. Those who come so well prepared as not especially to need this work will be allowed under proper oversight to substitute extra reading, such as Cicero's Brutus, or De Officiis, or selections from the historians.

In the latter courses, careful attention is given to the development of the language and literature, to the debt of the English language to the Latin tongue, and of all modern literatures to its great classics.

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Cicero's Cato Major and Laelius. Prose composition and sight reading.

Fall Term, four hours.

2. Livy. Cicero's Letters. Special attention is given to Cicero's character, and his place in history and literature.

Winter Term, four hours.

3. The Odes of Horace. The principal metres are carefully studied, and (partly in connection with course 4) the Odes entire are read in the class-room.

Spring Term, four hours.

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. Satires and Epistles of Horace. The portions selected are grouped about significant topics so as to set the character of Horace, his literary canons, and the customs of his time in as vivid a light as possible. Upon these writings as a basis, essays are prepared by members of the class, dealing with interesting topics connected with the life and works of Horace.

Selections from Catullus or the Elegiac Poets are also read. MacKail's Latin Literature.

Fall Term, four hours.

5. Selected Satires of Juvenal. Martial. Upon this work a prize examination is set on the first Saturday of the Spring Term. Those who enter this are excused from the regular final examination. (Elective.)

Winter Term, three hours.

6. Pliny's Letters, or the Agricola and the Germania of Tacitus, or Quintilian, Book X. The authors are chosen in rotation, in order that new Latin may be available each year for those in higher classes who wish to make the language a specialty. (Elective.)

Spring Term, three hours.

THIRD YEAR

FOR JUNIORS AND SENIORS

7. Methods of Secondary Instruction in Latin. Attention will be given in lectures and discussions to the merits of rival systems, to the best methods of acquiring a vocabulary, of introducing and expounding the more difficult portions of Syntax, and of counteracting the tendency to use improper helps.

There will be practical work by members of the class in conducting recitations in the authors usually read in preparatory schools, and exercises in sight-reading. This course will be offered in 1898-99. (Elective.)

Fall Term, two hours.

8. Plautus and Terence. Historical Syntax. Different plays are read from year to year, so that those interesting authors may be studied for two terms by those who so desire. (Elective.)

Winter Term, three hours.

9. Selections From Cicero's Philosophical Works, together with a study in outline of the systems of Philosophy prevalent in his time. This course will be offered in 1897–98. (Elective.)

Spring Term, three hours.

10. Rhetoric and Oratory of the Romans. This will include the study of specially significant passages from the De Oratore of Cicero, with collateral reading in the Rhetorica ad Herennium, the Dialogus de Oratoribus, and Quintilian. The purpose of this course is to give a clear idea of the emphasis placed by the Romans upon oratory, of the elements of its power, and the causes of its decline. This course is offered in 1896–97. (Elective.)

Spring Term, three hours.

11. The Latin Fathers. This course is practically an introduction to patristic Latin. Lectures upon the peculiarities of ecclesiastical prose, are followed by reading as widely as time allows. Latin hymnology is also briefly considered. (Elective.)

Fall Term, two hours.

GREEK LANGUAGE AND LITERATURE

FIRST YEAR

FOR FRESHMEN IN COURSE I OR II

1. Lysias. Selected Orations. Greek composition.

Fall Term, four hours.

2. Plato's Apology and Crito. Sight-reading in Xenophon's Memorabilia.

Winter Term, four hours.

3. Homer. Selections from the Odyssey, or later books of the Iliad. The Homeric Question. Outline of History of Greek Literature.

Spring Term, four hours.

SECOND YEAR

FOR SOPHOMORES IN COURSE I OR II

4. THE TRAGEDIES. Æschylus and Sophocles. Two plays Prelections from other tragedies. History of Greek drama. Essays.

Fall Term, four hours.

5. DEMOSTHENES. Oration on the Crown, or Olynthiacs and Philippics. The development of oratory. Legal procedure and political institutions of the Athenians. Later Greek history. (Elective.)

Winter Term, three hours.

6. EURIPIDES AND ARISTOPHANES. Iphigenia in Tauris or Medea. Clouds or Frogs. Readings from Lucian. (Elective.)

Spring Term, three hours.

THIRD AND FOURTH YEARS

FOR JUNIORS AND SENIORS

7. HELLENISTIC GREEK. Selections from the New Testament or Septuagint, studied chiefly on the linguistic side. (Elective.)

Fall Term, two hours.

8. PLATO AND ARISTOTLE. The Phaedo of Plato, or selections from his Republic, and portions of the Ethics of Aristotle are offered in alternate years, with special regard to their philosophic content. (Elective.)

Winter Term, three hours.

9. HISTORY OF GREEK PHILOSOPHY. Open to Juniors in all courses. A brief manual is used, with lectures by the professor, and essays by members of the class. (Elective.)

Spring Term, three hours.

10. MODERN GREEK. At the convenience of the officer, a class may be organized, using Vincent and Dickson's handbook and current newspapers.

SEMITIC LANGUAGES

The following courses are open to all students in the Senior and Junior Years. For other courses which may be elected only by students who have already studied Hebrew, or Hebrew and Arabic, see the catalogue of the Theological Seminary.

FOR JUNIORS AND SENIORS

1. Hebrew: (*a*) Orthography, Morphology, and Elements of Syntax (Harper); (*b*) Translation and Study of Genesis; (*c*) Reading Historical prose.

Three Terms, four hours.

1896–1897

2. Syriac: (*a*) Grammar (Nestle, Noldeke); (*b*) Peshitta; (*c*) Specilegium Syriacum.

Fall and Winter Terms, two hours.

1897–1898

3. Arabic: (*a*) Grammar (Wright); (*b*) Quran; (*c*) Prose selections.

Fall and Winter Terms, two hours.

4. History: (*a*) Egypt; (*b*) Babylonia and Assyria, with use of German text-book.

Fall and Spring Terms, two hours.

MODERN LANGUAGES

It is the aim of this department: first, to give the student a technical knowledge of the German and French languages sufficient to read them with facility and accuracy; second, to present to the student the general idea of the literary history of each language with a detailed statement of special important epochs; third, by occasional lectures illustrated by the stereopticon, to

give the student some idea of the cities, customs, and life of the people whose language is studied; and also to show the prominent place given to German literature in German art.

GERMAN

FIRST YEAR

SOPHOMORES IN COURSE I. FRESHMEN IN COURSES II AND III WHO DID NOT PRESENT GERMAN FOR ADMISSION.

1. Elementary Course. Grammar. Practice in pronunciation and in memorizing short selections, systematic drill in grammar, with special reference to syntax. Rapid reading of modern works of fiction, including selections from such authors as Hauff, Heyse, Storm, and Auerbach.

Three Terms, three hours.

SECOND YEAR

IN COURSES II AND III, FRESHMEN WHO PRESENTED GERMAN FOR ADMISSION, AND SOPHOMORES WHO DID NOT

2. Minor German Classics. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year.

Three Terms, three hours.

THIRD YEAR

SOPHOMORES IN COURSES II AND III (IN PART), ELECTIVE FOR HIGHER CLASSES

3. Lessing's Minna von Barnhelm, and Nathan der Weise.

Fall Term, three hours.

4. Schiller's Maria Stuart, or Jungfrau von Orleans, and Wilhelm Tell. Lectures, some of them illustrated by stereopticon views, on the important works of Schiller. Essays by the class on topics connected with the reading.

Winter Term, three hours.

5. The Literature of the Nineteenth Century. The purpose of this course is to acquaint the student with some of the best recent literature, and the works read will vary from year to year. Occasional lectures. Essays by members of the class.

Spring Term, three hours.

FOURTH YEAR

FOR JUNIORS AND SENIORS WHO HAVE HAD AT LEAST TWO YEARS' WORK IN GERMAN

6. Goethe's Faust. Essays on literary and philosophical subjects suggested by the reading. Lectures accompanied by stereopticon illustrations. Offered only in alternate years.

Fall Term, three hours.

7. German Composition and Conversation.

Winter Term, three hours.

8. Lyric Poetry.

Spring Term, three hours.

9. Middle High German. Elements of the Grammar. Readings from the leading literary productions of the Middle Ages.

Fall Term, three hours.

10. Gothic. Braune and Balg's Gothic Grammar. Balg's Gothic Bible.

Winter Term, three hours.

FRENCH

FIRST YEAR

FOR FRESHMEN

1. Systematic Drill in Grammar with special reference to syntax. Rapid reading of selections from such authors as Souvestre, Mérimée, and Feuillet.

This course extends through the entire year and is designed as a foundation for acquiring a technical knowledge of the French language, and as an introduction to French literature.

Three Terms, three hours.

SECOND YEAR

SOPHOMORES IN COURSES II AND III (IN PART), ELECTIVE FOR HIGHER CLASSES

2. THE FRENCH CLASSIC DRAMA. The class will read selected works from Corneille, Racine, and Molière.

Fall and Winter Terms, three hours.

3. VICTOR HUGO AND THE ROMANTIC SCHOOL.

Spring Term, three hours.

ENGLISH LITERATURE

The objects sought in this department are mainly the following: first, a general knowledge of the historical development of the literature; second, a particular acquaintance with the great literary periods and with the most prominent authors in each; third, an understanding of the principles of literary criticism and of the laws that underlie the various forms of literary art; fourth, a scientific knowledge of the origin and development of the English language. These objects are sought, not merely for their own sake, but as the means of developing a broad culture and a thorough appreciation of a great literature.

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. CHAUCER. Studied as the first great English poet, with special reference to the literary characteristics of his work.

Winter Term, two hours.

2. Elizabethan Poetry. The non-dramatic poetry of the age is studied through the masterpieces of representative authors. This course and the preceding are made the basis for the study of the fundamental principles of literary art.

Spring Term, five hours.

SECOND YEAR

FOR JUNIORS

3. Elizabethan Drama. A historical and critical study of the dramatic work of Shakspere and his contemporaries. Representative dramas are analyzed and discussed; and the development of dramatic art is traced. (Elective.)

Fall Term, three hours.

4. Eighteenth Century Poetry. From Dryden to Burns. Representative poems are carefully studied; and the development of the poetry of the age through its various phases is investigated. (Elective.)

Winter Term, three hours.

5, Prose Masterpieces. The development of miscellaneous prose literature from the age of Elizabeth to the age of Victoria, as shown in selected masterpieces from the great prose writers. These are studied also as to their individual characteristics. (Elective.)

Spring Term, three hours.

6. Prose Fiction. The rise, development, and characteristics of the English novel. Special attention given to Scott, Dickens, Thackeray, and George Eliot. Examination of the laws of fiction and of the principles of criticism involved. (Elective.)

Spring Term, three hours.

7. Anglo-Saxon. Elementary course. The grammar of the language is studied; and special attention is given to acquir-

ing facility in the reading of easy Anglo-Saxon prose. The relation of Anglo-Saxon to modern English is emphasized. (Elective.)

Fall Term, two hours.

8. Anglo-Saxon. Rapid reading of prose selections. Outlines of Anglo-Saxon literature. (Elective.)

Winter Term, two hours.

9. Anglo-Saxon. Course 7 continued, with reading of poetical selections. (Elective.)

Spring Term, two hours,

10. Middle English. Twelfth and thirteenth centuries. The language is traced through the various stages of its development, and observation is made as to the general character of the literature. (Elective.)

Winter Term, two hours.

11. Middle English. Continuation of Course 10. Fourteenth century. (Elective.)

Spring Term, two hours.

THIRD YEAR

FOR SENIORS

12. Nineteenth Century Poetry. Wordsworth to Tennyson. Individual characteristics are noted; changes in the spirit and method of poetry are investigated; and attention is drawn to the relation of these changes to the political, social, and intellectual movements of the age. (Elective.)

Fall Term, five hours.

13. American Literature. A study of the general development of American literature, of the characteristics of its various forms and classes, and of the representative works of leading authors in its various departments. (Elective).

Winter Term, three hours.

Courses 1 and 2 must precede the other literary courses. Students are strongly urged to take elective courses in chronological order. Courses 6, 10, and 11 will be given in alternate years with courses 5, 8, and 9 respectively.

RHETORIC AND PUBLIC SPEAKING

In the department of Rhetoric and Public Speaking the following courses are offered :

FIRST YEAR

1. Rhetoric. This course is designed to give the students definite ideas of the elementary principles of the subject, and facility in their application. The work is of a practical character, consisting mainly of composition and criticism.

Fall Term, one hour.

FIRST AND SECOND YEAR

2. Rhetoric. A study of the subjects of style and invention. Members of the class are required to present themes, plans, and discussions. These receive individual criticism.

Winter and Spring Terms, Freshman Year, one hour;
Fall Term, Sophomore Year, three hours;
Winter Term, Sophomore Year, two hours.

Opportunity is given throughout the courses in Rhetoric for students to engage in newspaper work. The Colgate Press Club is allied to the department of Rhetoric. It includes in its membership correspondents of daily and weekly papers and monthly magazines. The theories of newspaper writing are taught in the various courses in Rhetoric : practice is obtained by correspondence submitted to the editors of the various papers represented in the Press Club.

3. Public Speaking. Weekly exercises in declamation are required throughout the Freshman Year and during the Winter and Spring Terms of the Sophomore Year. Each speaker receives special drill in preparation for the public delivery of his declamation. During the Fall Term, Freshman Year, each speaker is freely criticised, both by the instructor and by members of the class.

4. Public Speaking. Elocution and Voice Culture. A study of breathing, diaphragmatic action, articulation, pronunciation, and vocal expression.

Fall Term, Sophomore Year.

5. Public Speaking. Courses on the composition and delivery of orations are continued throughout the Junior Year. The principles of this form of composition are studied, and each member of the class is required to submit original orations, which are freely criticised.

Instruction is given also on the general principles of the delivery of orations.

During the second and third terms the orations are presented before public audiences. Each production is read and criticised with the author and he receives drill on its delivery in preparation for his public appearance.

6. Public Speaking. A course in debate is offered to those students who have completed course 3.

Fall and Winter Terms, Junior Year.

7. Public Speaking. A course in debate is offered to those students who have completed courses 3 and 5.

Fall and Winter Terms, Senior Year.

In courses 6 and 7 instruction will be given in the principles of argumentation, and in the public delivery of argumentative addresses. These courses are designed to make the student familiar with the elementary principles of parliamentary procedure, while at the same time they give ample opportunity for both prepared and extemporaneous debate,

MATHEMATICS

The courses of study in this department begin with the Freshman Year, and may be continued, as required or elective studies, throughout the entire undergraduate course. This work is conducted by aid of text-books with lectures.

The aim of the instruction is to form habits of accurate and precise expression, and to develop the power of independent and logical thinking, as well as to teach the methods and principles of each subject.

FIRST YEAR

FOR FRESHMEN IN COURSE I

1. Geometry. Solid and Spherical; Conic Sections; Exercises in Geometrical Invention and Applications; Theory of Limits.

Fall Term, four hours.

2. Algebra. Functional Notation; Derivatives of Algebraic, Logarithmic, and Exponential Functions; Development of Functions in Series; Convergency and Summation of Series; Theory and Computation of Logarithms; Permutations, Combinations, and Probability; Theory of Equations; Determinants; Graphic Algebra.

Winter Term, four hours.

3. Plane and Spherical Trigonometry. The Theory of the Trigonometric Functions and its application to the solution of plane triangles; Napier's Rules and Analogies; Gauss' Equations, and their application to the solution of spherical triangles.

Spring Term, four hours.

FOR FRESHMEN IN COURSE II OR III

1. Geometry and College Algebra. Conic Sections; Geometrical Invention; Systems of Equations; Derivatives; Expansion of Functions.

Fall Term, four hours.

2. Algebra and Trigonometry. Series; Logarithms; Theory of Equations; Determinants; Graphic Algebra; Trigonometric Functions and Formulas.

Winter Term, four hours.

3. Trigonometry. Solution of Plane Triangles; Napier's Rules and Analogies; Gauss' Equations and Solution of Spherical Triangles; Plain Surveying.

Spring Term, four hours.

SECOND YEAR

4. Analytic Geometry. The Straight Line, the Conic Sections, the General Equation of the Second Degree, and Higher Plane Curves, in Plane Geometry; and the Point, the Straight Line, the Plane, and Surfaces of Revolution, in Solid Geometry. (Elective in Winter Term in Course I or II.)

Fall and Winter Terms, three hours.

5. Calculus. Differentiation and Practical Applications, Direct Integration and its Application to the Determination of Areas and Volumes, and the Rectification of Curves; Successive Differentiation; Evaluation of Indeterminate Forms; Development of Functions in Series; Maxima and Minima. (Elective in Course I or II.)

This course may be elected by any student who has taken the first four courses. While designed to lay the foundation for the subsequent courses on this subject, it is adapted to those also who wish in a short time to gain a clear idea of the methods and problems of the Calculus.

Spring Term, three hours.

THIRD YEAR

6. Calculus. A continuation of course 5, embracing the remaining subjects in Taylor's Calculus, except the chapter on the Method of Infinitesimals. (Elective in Course I or II.)

Fall Term, three hours.

7. Calculus. A continuation of course 6, embracing the Infinitesimal Method and applications, also the History and Philosophy of the Calculus. Books of reference: the treatises of Williamson, Duhamal, Price, and Bertrand, Bledsoe's Philosophy of Mathematics, and Cajori's History of Mathematics. (Elective.)

Winter Term, three hours.

8. Determinants. Weld's Determinants. (Elective.)

Spring Term, three hours.

FOURTH YEAR

9. Quaternions. Hardy's Quaternions. Books of reference; the treatises of Tait, and Kelland and Tait. (Elective.)

Fall Term, two hours.

10. Theory of Equations. Burnside and Panton's Theory of Equations. (Elective.)

Winter Term, two hours.

PHYSICS AND ASTRONOMY

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. General Physics. The work is conducted by the aid of a text and with lectures and experimental demonstration of important principles. Course 1 is intended to give students a clear notion of the methods of scientific study and a familiarity with the fundamental laws underlying physical phenomena.

Mechanics and Sound.

Winter Term, three hours.

Heat and Light.

Spring Term, three hours.

SECOND YEAR

FOR JUNIORS IN COURSE III

1. (Continued.)

Electricity and Magnetism.

Fall Term, three hours.

2. Laboratory Work.

The purpose of this course is to give students insight into methods and apparatus used in making physical measurements, and includes quantitative experiments performed by the student in mechanics, sound, heat, light, and electricity. Course 1 necessarily precedes this course, and students are strongly advised to prepare themselves in analytic geometry and the calculus, before taking up the laboratory work.

Winter and Spring Terms, two hours.

THIRD YEAR

FOR SENIORS

3. General Astronomy.

Fall Term, five hours.

GEOLOGY AND NATURAL HISTORY

The courses in this department are designed to give such knowledge of the several subjects as a scheme of general education requires. It will be seen also that both the geological and the biological courses are so arranged as to give two years of continuous work to those who may wish to teach these subjects or pursue them in a professional way. The instruction is given by lectures and laboratory work. Text-books for supplementary reading are required, with oral and written reviews. Much attention is given to the literature of the subjects, and habits of independent investigation are fostered. The significant questions which subjects in natural history raise at the present time

will receive such discussion as may be suitable. Hours for laboratory and field work are arranged after the organization of classes.

GEOLOGY

FIRST YEAR

SOPHOMORES IN COURSE III. ELECTIVE FOR JUNIORS AND SENIORS

1. Dynamical Geology. The lectures treat of the applications of energy in the making of the earth. The chemical and mechanical work of the atmosphere, the effects of water in rivers, lakes, oceans, subterranean channels, and glaciers, form the earlier subjects of the course. The igneous forces are then studied, as seen in volcanoes, earthquakes, mountain making, and the development of continents. Several lectures are given on the geological work of organisms. The course deals particularly with the development of geographic forms, the evolution of scenery, and the effects of geological forces upon the course of human history. Four half-day excursions are made for the study of the surface geology in the vicinity of Hamilton. The larger manuals of Dana or Le Conte are required in this and subsequent geological courses.

Fall Term, three hours.

2. Lithological and Structural Geology. This course begins with an elementary study of the principal kinds of rocks. The lectures then deal with structural forms, such as stratified, tilted, faulted and folded rocks, dikes, lava sheets, mineral veins, the general form of the earth, the structure and topography of continents and mountains, as determined by upheaval and general erosion.

Winter Term, three hours.

Note—Courses 1-6 and course 13 are given by Professor Brigham, courses 7-12 by Mr. Chester.

3. Historical Geology. An elementary course with special reference to students who wish a general understanding of the succession of events in geological time. Among the special topics are: the climate, geography, plants, and animals of the various periods; economical products important in special formations, as fuels, pigments, ores, mineral waters, salt, pottery clays, and building materials; geological time; the last glacial period, the antiquity of man, and the history of geological science. The course includes several field excursions, the accessible localities affording the best opportunities for beginning the study of historical geology.

Spring Term, three hours.

SECOND YEAR

ELECTIVE FOR SENIORS AND FOR JUNIORS OF COURSE III

4. Palæontology. A study of fossil organisms, their manner of preservation, their value as a geological record, their systematic relations and succession in time. The appearance and extinction of great groups, and probable ancestry of existing forms are treated, with a critical study of evolution. The history and present state of opinion, and the factors of evolution are made themes for discussion. Laboratory work two hours each week. Courses 3 and 8 are required in preparation.

Fall Term, three hours.

5. Geology. History of Topography. Two hours seminary work each week, with research, the results to be presented in a thesis. About one half of the term is occupied with study of the general principles of topographic genesis, such subjects as the adjustment of drainage and the baselevel, being treated with especial fullness. For the second half of the term each student selects a special topic, making report of progress from time to time to the class. The course serves as an introduction to the use of geological literature, and affords much training in the use of maps.

Winter Term, three to five hours.

6. Geology. Field course. The quaternary geology of a district including fifty square miles in the vicinity of Hamilton, is the usual subject for study. Students carry on field work each week, both with the instructor and independently. All the materials of the drift, with subsequent formations, and the topography as a whole, are investigated in detail, each man presenting a report and map embodying the results of his study. Field problems in paleozoic geology may be assigned if preferred.

Spring Term, three to five hours.

BIOLOGY

FIRST YEAR

ELECTIVE FOR JUNIORS

7. General Biology. This course deals with the simple laws of life and the relations of animals and plants. Practical work is done upon the fern, and either the earth-worm, or the frog, to illustrate the general structure and physiology of plants and animals; and these and other selected forms are made the basis for brief informal discussions of the leading principles of general biology. Instruction is given in the use of the compound microscope and the preparation of objects for microscopic examination. The course is designed as an introduction to the study of zoölogy and botany. Required of Sophomores in Course III.

Fall Term, three hours. (*Six hours' attendance.*)

8. Invertebrate Zoölogy. Lectures and class dissections dealing with the general morphology of the various groups of invertebrate animals and some of the more evident problems of biological study suggested by each. This course is given as an introduction to the study of animal biology for those who wish to pursue biological work further, as well as for those who desire such general knowledge of the animal kingdom as all educated persons should have.

Winter Term, three hours. (*Laboratory, two hours.*)

9. Vertebrate Dissection. This course is open to those who have completed courses 1 and 2. In the laboratory, practical dissection is made of one or more vertebrate forms. The general morphology and classification of the vertebrate groups is made the subject of lectures in connection with the laboratory work.

Spring Term, three hours. (Six hours' attendance.)

SECOND YEAR

ELECTIVE FOR SENIORS

10. Invertebrate Dissection. A laboratory course in the dissection of invertebrate forms, open to those who have had courses 7 and 8. The classification of the different groups and the study of the morphology and comparative anatomy of forms in the different classes is taken up.

Fall Term, three hours. (Six hours' attendance.)

11. Advanced Biology. A course may be arranged somewhat according to the wishes of individual students. Some special line of work may be taken up, or the work of preceding courses extended.

Winter Term, three hours.

12. Advanced Biology. As in course 11.

Spring Term, three hours.

13. Botany. The aim of this course is like that of 8. The structure and classification of plants, their distribution and economic uses are treated, with attention to the determination of the flowering plants. Laboratory, two hours a week. Gray's Structural Botany and Manual are required. (Junior elective.)

Spring Term, three hours.

CHEMISTRY AND MINERALOGY

The aim of this department is to give instruction in the fundamental principles of scientific study, and, especially, to give the student thorough training in habits of accuracy and observation. The work of course 1 is conducted in the class room by means of a text-book with experimental lectures. The remainder of the work is done in the laboratory, which is equipped with all the apparatus necessary for the successful study of analytical chemistry.

FIRST YEAR

FOR SOPHOMORES IN COURSES I AND II

1. General Chemistry. A course for beginners, extending through the non-metallic elements.

About one half the time is occupied with experimental lectures, the remainder being devoted to recitations and frequent written examinations.

Winter Term, three hours. Spring Term, two hours.

SECOND YEAR

FOR FRESHMEN IN COURSE III. ELECTIVE FOR JUNIORS AND SENIORS IN COURSES I AND II

2. Analytical Chemistry. A course in Qualitative Analysis, including the determination of simple inorganic substances, both in solution and by Blowpipe Analysis. The work in the laboratory is supplemented by a course of lectures on the metallic elements.

Fall Term, five hours.

3. Analytical Chemistry. A continuation of course 2, including the various methods employed for the qualitative separation of the metals. A supplementary course of lectures on some of the more important chemical theories and molecular forces will be given.

Winter Term, five hours.

4. Analytical and Organic Chemistry. This includes the study of some of the rarer elements and of the qualitative determination of minerals, together with a short course of lectures on Organic Chemistry.

Spring Term, five hours.

THIRD YEAR

ELECTIVE FOR JUNIORS IN COURSE III, AND SENIORS IN COURSE I AND II

5. Analytical Chemistry. A course in Quantitative Analysis occupying two terms. It is the aim of this course to make the student familiar with all the important quantitative determinations and separations of the elements, and to this end the different methods, gravimetric, volumetric, and electrolytic are employed.

Fall and Winter Terms, five hours.

6. Analytical and Applied Chemistry. This follows the general course in Quantitative Analysis and includes the analysis of minerals, and some of the simpler courses in Technical Analysis. The exhaustive study of these subjects is not attempted, the aim being to give the general methods of work in each.

Spring Term, five hours.

7. Mineralogy. This is offered to any student in the Senior Class, who has pursued or is pursuing a course in Qualitative Analysis, and to Juniors in Course III. The work is conducted by means of lectures, with occasional examinations upon the same. The first part of the term is devoted to the study of crystallography, and of the principal physical and chemical properties of minerals employed in their determination, and the remainder to the classification and special study of the more important minerals.

Fall Term, three hours.

8. Practical Mineralogy. To those who wish to continue the preceding course, practical work is offered to a limited number of students, the aim being to teach the use of instruments and general methods of mineralogical work.

Winter Term, two hours.

FOURTH YEAR

9. Special Analytical Chemistry. For Seniors in Course III and for special students. This follows course 6 in Analytical Chemistry, and is intended for the more exhaustive study of the work there offered, as well as to teach methods of original work.

Fall Term, five hours.

10. Organic Chemistry. The course extends through two terms. The different methods of ultimate organic analysis are taught, as well as the methods of building up compounds synthetically. Subsequently, original work in the formation and investigation of compounds may be undertaken.

Winter and Spring Terms, five hours.

Each of the above laboratory courses is a full equivalent of a five hour a week elective study, each student being required to work two hours a day for five days each week.

HISTORY

The courses offered are all elective. The method of treatment will vary with the subject-matter of the courses and the changing needs of those electing them. The use of a text-book, class recitations and discussions, lectures by the instructor, reports on assigned subjects, may all be expected. Course 2 must be preceded by course 1, and, in general, it will be found to be an advantage to follow the courses in the order given, beginning with course 1 in the Fall Term of the Junior Year. Course 6 is really a course in Political Science.

The following courses are offered:

1. Introduction to the Middle Ages. From the Barbarian Migrations to the Dissolution of the Carolingian Empire.

Fall Term, three hours.

2. Feudal Epoch. The Holy Roman Empire to the Fall of the Hohenstaufen.

Winter Term, three hours.

3. History of England. From the English Conquest to the Tudor Monarchy.

Special attention is given to constitutional development.

Spring Term, three hours.

4. Renaissance and Reformation. From the Revival of Learning to the Peace of Westphalia.

Fall Term, three hours.

5. American Constitutional History. This should be preceded if possible by course 3.

Fall Term, three hours.

6. Comparative Government. A comparative study of the structure and workings of the governments of the great modern States.

Winter Term, three hours.

7. French Revolution. From 1789 to the Congress of Vienna.

Winter Term, three hours.

8. Europe in the Nineteenth Century. From the Congress of Vienna to the Berlin Congress, 1878.

Spring Term, three hours.

ECONOMICS

Instruction in this Department is at present given by the Professor of History. The following courses are offered, all elective, open to members of the Senior Class.

1. Elements of Political Economy.

Winter Term, three hours.

2. Money and Banking.

Spring Term, three hours.

3. Introduction to Sociology.

Spring Term, three hours.

PHILOSOPHY

FIRST YEAR

FOR JUNIORS IN ALL COURSES

1. Logic. This course is designed to give the student a thorough knowledge of the subject, embracing both Formal and Applied Logic. The nature, sphere, limitations, and applications of principles are defined and illustrated. To make the study a discipline, and to secure, as far as possible, practical results, the student, during the last half of the term, is subjected to a daily analysis of arguments and fallacies in a manner not only to compel a knowledge of principles and methods, but to induce correct habits of thinking.

Fall Term, three hours.

2. Psychology. Elementary science of the mental processes. Text-book: Titchener's An Outline of Psychology.

Winter and Spring Terms, three hours.

3. History of Greek Philosophy. Courses 8 and 9 in the department of Greek. Elective for Juniors and Seniors.

Winter and Spring Terms, three hours.

SECOND YEAR

The following courses, all elective, are open to Seniors and to special students who have taken course 2.

4. History of Modern Philosophy. The leading philosophical systems from Descartes to the present time. Considerable time is given to reading selected portions of the works of representative philosophers. Text-book: Falckenberg's History of Modern Philosophy.

Three Terms, three hours.

5. Ethics. A critical and constructive study of morals with special reference to theories of the Moral Consciousness and the Moral Ideal. Text book: Seth's A study of Ethical Principles.

Fall Term, three hours.

6. Metaphysics. An elementary study of First Principles. Text-book: Bowne's Metaphysics.

Winter Term, three hours.

7. Philosophy of Religion. History of Religions, the relation between Science and Religion, and the religious aspects of various metaphysical theories. Text-book: Bruce's Apologetics.

Spring Term, three hours.

8. Advanced Pyschology. A study of the most important pyschological problems in the light of contemporary psychological treatises. A term essay is required.

Fall Term, two hours.

For courses 6 and 7 may be substituted studies in Advanced Ethics or Advanced Logic at the option of the students.

In all the courses of the department the text-book is used only as a basis of instruction, and is supplemented by lectures, discussions, and essays. Courses in philosophical reading under the supervision of the professor in charge will be arranged to meet the wants of individual students.

HISTORY OF ART

In the Senior Year instruction is given in the History of Architecture and Sculpture. The hand-books used by the student are largely supplemented with lectures, illustrated by a copious collection of slides and photographs. In these illustrated lectures a calcium light stereopticon is employed. Special attention is given to the origin and development of Greek Architecture. Its connection with earlier styles, particularly with the Assyrian and Egyptian, are noted, and the modifications and additions made by the Romans are also traced. Gothic and Renaissance Architecture are likewise treated. An attempt is made to give some accurate acquaintance with the masterpieces of ancient sculpture, to show the relation between classical and mediæval art, and to bring out those principles which gave to the plastic art of the Greeks its enduring preëminence as the standard of taste.

Three Terms, two hours.

PHYSIOLOGY

The Director of the Gymnasium offers each year a course in physiology and hygiene to the Junior Class. Martin's Physiology, of the Advanced Science Series, is used as a text-book. This will serve as a basis for instruction, to which explanations and demonstrations will be added. (Elective.)

Winter Term, three hours.

LECTURES ON LAW

The President will offer to the Senior Class a course of lectures in the History, Theory, and Practice of the Common Law. The course will consist largely of lectures with required reading

and examinations. An attempt will be made to give a knowledge of the history and principles of the English Common Law, supplemented by a study of American decisions and practice. After a brief study of the development of the Common Law system, the student's attention will be called to the different topics, such as evidence, pleading, criminal law, commercial paper, torts, contracts, etc., and the main principles under each topic will be discussed and decisions and statutes cited. The course is intended as a brief and simple introduction to a knowledge of the principles of the Common Law which it is thought that all educated men should possess. The purchase of one or more books will be required. The course will be offered as an elective.

Winter Term, three hours.

GENERAL LECTURES

The President will meet the Freshman class once a week throughout the Fall term in an exercise for which no preparation will be required. The exercises will consist of general lectures and discussions on topics pertaining to ethics and culture. Attendance will be required.

A course of lectures on practical hygiene will be given to the Freshmen Class each year by the Director of the Gymnasium. The hours will be arranged in harmony with other exercises. Attendance is required.

CONSPECTUS OF COURSES

I. FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
Greek 1,*	Greek 2,	Greek 3,
Latin 1,	Latin 2,	Latin 3,
French 1,	French 1, (continued)	French 1, (continued)
Mathematics 1,	Mathematics 2,	Mathematics 3,
Rhetoric 1,	Rhetoric 2,	Rhetoric 2, (continued
Public Speaking,	Public Speaking.	Public Speaking.
President's Lectures.		

SOPHOMORE YEAR

Greek 4,	German 1, (continued)	German 1, (continued)
German 1,	Rhetoric 2, (continued)	English Literature 2,
Latin 4,	English Literature 1,	Physics 1, (continued)
Mathematics 4,	Physics 1,	Chemistry 1, (continued)
Rhetoric 2, (continued)	Chemistry 1,	Public Speaking,
Public Speaking 4.	Public Speaking,	Greek 6, or
	Greek 5, or	Latin 6, or
	Latin 5, or	Mathematics 5.
	Mathematics 4.	

JUNIOR YEAR

Philosophy 1,	Philosophy 2,	Philosophy 2, (continued)
Public Speaking 5,	Public Speaking 5,	Public Speaking 5,
Electives, twelve hours.	Electives, twelve hours.	Electives, twelve hours.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

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*The numeral indicates the number of the course in the department statement

NOTE—For the list of elective studies see page 43.

ELECTIVE STUDIES FOR JUNIORS

FALL TERM	WINTER TERM	SPRING TERM
Latin 7 or 11,	Latin 8,	Latin 9 or 10,
Greek 7,	Greek 8,	Greek 9, 10,
Semitic Languages 1, 2,	Semitic Languages 1, 2,	Semitic Languages 1,
German 3, 6, 9,	German 4, 7, 10,	German 5, 8,
French 2,	French 2, (continued)	French 3,
English Literature 3, 8,	English Literature 4, 10,	English Literature 6, 11,
Anglo-Saxon 7,	Anglo-Saxon 8,	Anglo-Saxon 9,
Mathematics 6,	Mathematics 7,	Mathematics 8,
Physics 1,	Physics 2,	Physics 2,
Geology 1,	Geology 2,	Geology 3,
(4 in Course III)	(5 in Course III)	(6 in Course III)
Biology 7,	Biology 8,	Biology 9,
Chemistry 2,	Chemistry 3,	Chemistry 4,
(5 in Course III)	(5 in Course III)	(6 in Course III)
Mineralogy 7,	Mineralogy 8,	Botany 13,
(Course III only)	(Course III only)	History 3,
History 1,	History 2,	Philosophy 3.
Debates 6.	Philosophy 3,	
	Physiology,	
	Debates 6.	

ELECTIVE STUDIES FOR SENIORS

Junior electives are also open to Seniors when the schedule permits.

FALL TERM	WINTER TERM	SPRING TERM
Nineteenth Century	American Literature 13,	Public Speaking 6,
Poetry 12,	Public Speaking 6,	Geology 6,
Public Speaking 6,	Mathematics 10,	Biology 12,
Mathematics 9,	Geology 5,	Chemistry 6, 10,
Astronomy 3,	Biology 11,	(Course III only)
Physics 3,	Chemistry 5, 10,	History 8,
Geology 4,	(Course III only)	Economics 2, 2,
Biology 10,	Mineralogy 8,	Philosophy 4 (continued), 7,
Chemistry 5, 9,	History 6, 7,	History of Art.
(Course III only)	Economics 1,	
Mineralogy 7,	Sociology 3, (1896-1897)	
History 4, 5,	History of Art,	
History of Art,	Philosophy 4 (contin'd), 6,	
Philosophy 4, 5, 8,	Lectures on Law,	
Debates 7.	Debates 7.	

GRADUATE WORK

I. MASTERS' DEGREES

The University Faculty will recommend for the degree of Master of Arts, Master of Philosophy, or Master of Science, candidates who have received the corresponding Bachelor's degree from any approved college, and who shall have pursued a course of advanced non-professional study equivalent to an additional year of college work. Such a course shall consist of a major and a minor subject to be taken in different, but related, departments. Satisfactory examinations must be passed in these studies and a thesis presented on some topic within the field of the major subject. The plan of study must be submitted by October 1st, the subject of the thesis by December 1st, and the thesis itself by May 15th of the year in which the candidate expects to take the degree. Resident graduates giving their full time to the work may be recommended for the degree after one year of study. Resident graduates giving only a portion of their time to the work will not be recommended under two years; if enrolled in the Theological Department, but not candidates for the degree of Bachelor of Divinity, they may be recommended after three years. Non-resident graduates will not be recommended under two years. A copy of the thesis must be deposited in the University Library.

The conferring of the degree of Master in course has been discontinued since the Commencement of 1895–1896.

II. DEGREE OF BACHELOR OF DIVINITY

The University Faculty will recommend for the degree of Bachelor of Divinity candidates who have received the degree of Bachelor of Arts, and who shall have pursued the Full Course in Theology including an approved scheme of electives for the Middle and Senior Years, and shall have presented a thesis of not less than three thousand words, approved by the Theological Faculty. A copy of the thesis must be deposited in the University Library. The University Faculty will not recommend the conferring of this degree for work done *in absentia.*

REQUIREMENTS FOR ADMISSION

GENERAL REQUIREMENTS

All candidates for admission must bring with them testimonials of attainments and of moral character, preferably from their latest instructors, and, if from another college, a certificate of regular dismission.

Candidates for the Freshman Class must have completed their fifteenth year, and candidates for a higher class must be advanced in age accordingly.

It is recommended that the candidate be prepared for examination in the requirements as specified, but equivalents will be accepted.

SUBJECTS REQUIRED FOR ADMISSION TO THE FRESHMAN CLASS

I. CLASSICAL COURSE

1. Mathematics. Algebra: Taylor's Academic Algebra, or an equivalent in other authors; Geometry: Wentworth's or Chauvenet's Plane Geometry, or an equivalent in other authors.

To enable students to succeed in the study of Mathematics in the University, the studies of the last year of the preparatory course should include a review of both Algebra and Geometry. Much attention also should be given to original work.

2. English. The examination in English consists of two parts, one to test the general reading of the pupil, the other to bring out the results of more careful study and practice.

Part I. Reading. The candidate must show a good general knowledge of the subject matter of each work and answer simple questions on the lives of the authors. The aim of this part of the examination is to test the pupil's power of clear and accurate expression.

In 1897, the books for this portion of the examination will be Shakspere's As You Like It, Defoe's History of the Plague in London, Irving's Tales of a Traveller, Hawthorne's Twice Told Tales, Longfellow's Evangeline, and George Eliot's Silas Marner.

In 1898, they will be Milton's Paradise Lost (Books I and II), Pope's Iliad (Books I and XXII), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1899, Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of The Mohicans, Lowell's The Vision of Sir Launfal, Hawthorne's The House of the Seven Gables.

In 1900, Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

Part II. Study. This section of the examination requires a more careful study of each of the works named. It involves subject matter, form, and structure, and also, more particularly than Part I, tests the candidate's ability to express his knowledge with clearness and accuracy.

This portion of the examination for 1897 will be upon the following works: Shakspere's The Merchant of Venice, Burke's Speech on Conciliation with America, Scott's Marmion, and Macaulay's Life of Samuel Johnson.

In 1898, Shakspere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tartar Tribe, and Tennyson's The Princess.

In 1899, Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, and Carlyle's Essay on Burns.

In 1900, Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, Macaulay's Essays on Milton and Addison.

3. History. The History of Greece, of Rome, of England, and of the United States. Two out the four are required, one ancient. Each should be pursued for seventy-five recitation hours.

4. Physiology and Hygiene. Preparation in some good elementary work on these subjects is expected.

5. Latin. Cæsar's Commentaries (Books I–IV); six orations of Cicero, including that for the Manilian Law and that for the Poet Archias; six books of Virgil's Æneid; Latin Grammar, (Allen and Greenough, Bennett, or Harkness); and Jones' or Bennett's Exercises in Latin Prose Composition. The foregoing requirements are to be understood as indicating the desired amount of work, not necessarily its precise nature. Students are advised to substitute, if circumstances permit, Rolfe's Viri Romae for a part of the Cæsar, Sallust's Catiline for a part of the Cicero, and to read some of Ovid before beginning Virgil. Full equivalents will be accepted for any of the authors named. It is especially desirable that candidates should have acquired the ability to translate easy passages in prose and verse at sight.

6. Greek. Goodwin's or Hadley-Allen's Greek Grammar; three books of Xenophon's Anabasis; three books of Homer's Iliad; and exercises in Prose Composition. Collar and Daniell's Beginners' Greek Prose Composition is recommended.

II. PHILOSOPHICAL COURSE

1. Mathematics, as for Course I, with the addition of Solid Geometry not including Spherical.

2. English, as for Course I.

3. History, as for Course I, but three out of the four required.

4. Physiology and Hygiene, as for Course I.

5. Latin or Greek. Same preparation in either as for Course I.

6. French or German. The requirements in these languages are the following:

(*a*) French. 1. A thorough knowledge of the grammatical inflection, with special attention to the irregular verbs. The amount in Whitney's Practical French, or an equivalent, will be accepted. 2. Enough reading to enable the candidate to translate simple prose at sight. No specific authors or works are designated for examination, but the amount read should be about three hundred pages, of which the larger part should be modern narrative and conversational prose. Five recitations a week during one year should be given to this work.

(*b*) German. 1. Ability to pronounce German correctly, and to read it with proper intonations. 2. Accurate knowledge of the elements of the grammar. The amount in Joynes-Meissner's Grammar, or an equivalent, will be accepted. 3. Enough reading to enable the candidate to translate simple German at sight. No specific authors or works are designated, but the amount read should be about two hundred pages, of which the larger part should be narrative and conversational prose. Five recitations a week during one year should be given to this work. Preparation by the so-called "natural" method should be supplemented by systematic drill in grammar.

Beginning with the academic year of 1898–1899, one year in French and one in German, of the grade specified above, or, preferably, two years in either, will be required. The grade of the second year's work should be substantially as follows:

Advanced French. 1. Ability to pronounce French correctly and to read it with proper intonations. 2. A thorough and detailed knowledge of accidence, and familiarity with the essentials of syntax, especially the uses of the moods and tenses. Ability to translate at sight standard French. For this purpose it is believed that in addition to the elementary work not less than four hundred pages of prose and verse should be read, and the selections should be taken from various authors. One year's additional instruction should be given to this work.

Advanced German. 1. More thorough knowledge of grammar, especially in the elements of word-formation, the uses of prepositions and conjunctions, essentials of syntax, and in the uses of modal auxiliaries and the subjunctive. 2. Ability to translate ordinary German at sight. To acquire this facility not less than four hundred pages of prose and verse, in addition to the elementary work, should be read. It is recommended that about half of this reading be selected from the works of Lessing, Schiller, and Goethe. One year's additional instruction should be given to this work.

III. SCIENTIFIC COURSE

1. Mathematics, as for Course I.

2. English, as for Course I.

3. History, as for Course II.

4. Physiology and Hygiene, as for Course I.

5. Physics, one year's work. (One term only previously required.)

The following specifications are suggested:

One full year of work, as in Gage's Elements of Physics, or Carhart and Chute's Elements of Physics, including also a series of at least thirty experiments from Chute's Physical Laboratory Manual or their equivalent, the student's note-book certified to by the instructor to be presented at the examination. Laboratory work after '97.

6. Chemistry through the non-metals. One-half year's work, as in the best manuals of elementary Chemistry. Such quality of work is required as to prepare the student for laboratory work in Analytical Chemistry.

7. Language. Two out of the three following languages:

(a) Latin, two years. (b) French, two years. (c) German, two years. Or Latin two years, and French and German one year each.

8. One of the three following :

Physical Geography, as in Tarr's Elementary Physical Geography.

The kind of work expected in Physiography is also indicated in the section on Geography, in the report of the Committee of Ten, and in the National Geographic Monographs.

Astronomy, as in Young's Lessons in Astronomy, or an equivalent.

Zoology, mainly the laboratory and field study of the common forms. The student must show training in observation, and mere text-book work will not be accepted. Such guides as Colton's Practical Zoölogy or Dodge's Elementary Biology are recommended.

This requirement not in force until September, 1898.

ADMISSION TO ADVANCED STANDING

Candidates for admission to any class higher than the Freshman are examined in the previous studies, or their equivalents, of the class which they wish to enter. Students coming from another college, may, at the discretion of the Faculty, be admitted upon certificate in the studies covered. If, however, they enter after the beginning of the Sophomore Year, and desire to compete for Commencement honors, they will be expected to pass examination upon the previous work of the course. No person will be admitted to the University, as a candidate for the Bachelor's degree, after the opening of the second term of the Senior Year.

ADMISSION TO SPECIAL COURSES

In exceptional cases students not members of any one of the four classes, nor candidates for a degree, are admitted to the privileges of the University and allowed to take special courses, selected under the direction of the Faculty. Such students will be required to pass a preliminary examination sufficient to ascer-

tain their qualifications for the course proposed, and are subject to the same regulations and discipline, and to the same examinations in the studies pursued, as those who are candidates for a degree.

They cannot compete for prizes or take part at Commencement. They will rank in the catalogue with the class with which they enter the University. These special courses, however, are not offered to those who are members of one of the regular courses, and who have failed to maintain standing.

ENTRANCE EXAMINATIONS

Entrance examinations will be held at the University as follows: Monday and Tuesday, June 14th and 15th, 1897, and again on Tuesday, Wednesday, and Thursday, September 7th, 8th, and 9th following.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions in September. Those who remain conditioned after the September examinations or receive conditions at that time, may be required by the respective officers to study under an authorized tutor.

For the benefit of students living at a distance, who can not conveniently take the June examinations at the University, arrangements may be made by which examinations shall be held under the direction of a college officer or some authorized person at some convenient point. Under such circumstances, the names must be sent to the President not later than May 15th, 1897.

ADMISSION BY CERTIFICATE

The Pass Cards and College Entrance Diplomas of the University of the State of New York, recently issued, will be accepted as equivalent to the requirements for admission definitely covered by them.

Students, also, who have recently completed a full course of study similar or equivalent to that required for matriculation in any course of this University, may, by special arrangement, be

admitted to that course on the certificate of the Principal of the school from which they come.

Each certificate must state explicitly the subjects on which the candidate has passed a satisfactory examination, and the Principal must certify to the good character and conduct of the pupil.

The Principals of Academies and other preparatory schools who desire to have their students admitted on certificates are invited to correspond with the President.

Correspondence in relation to admission to any of the college classes should be addressed to the President.

THE COLGATE LIBRARY.

GENERAL INFORMATION

GROUNDS AND BUILDINGS

The present site of Colgate University was determined by the gift, in 1826, of one hundred and twenty acres of land by Samuel Payne and his wife. Various additions have been made until now the University grounds include about two hundred and twenty-five acres.

The country surrounding the village of Hamilton, within whose limits the grounds are situated, is pleasantly diversified by valley and hill, and constitutes an environment of much natural beauty.

The Superintendent of Grounds and Buildings conducts the improvements upon the campus in accordance with plans prepared by Mr. Ernest W. Bowditch of Boston.

The Athletic Field covers fifteen acres. It contains base-ball and foot-ball grounds with grand-stand, tennis courts and ample space for general field sports.

West College. This building was erected in 1827. It contains two lecture rooms, the museum of Natural History, the laboratory of Geology and Natural History, and accommodations for seventy students.

East College. This building was erected in 1834. It is the main dormitory, and contains accommodations for about ninety students.

Alumni Hall. This building was erected in 1860 by the Alumni and friends of the University. It is known in the University records as the Hall of Alumni and Friends, and contains the college chapel, six lecture rooms, and a large public hall.

The Chemical Laboratory was the joint gift of the late President Dodge, the late Col. Morgan L. Smith, of Newark, N. J., Mr. Thomson Kingsford, of Oswego, and Mr. Samuel Colgate, of New York. It was built in 1884, and affords accommodations for the Department of Physics as well as that of

Chemistry. On the ground floor are two large lecture rooms, well lighted and furnished with necessary apparatus for illustration and experiment. On the second floor are the laboratory work rooms, which afford opportunity for an extended course in Analytical Chemistry, both Qualitative and Quantitative. The laboratory has been recently repaired and improved, and desks are now provided for thirty-five students.

The Colgate Library. This structure was erected and furnished at a cost of $150,000, and was the gift of Mr. James B. Colgate. It is fire-proof, and in the completeness of its facilities embraces the best results of the large experience of Mr. Melvil Dewey, Director of the New York State Library. It contains, besides the offices and work room of the library, two large stack rooms with a capacity sufficient for the growing needs of the University, a spacious reading and consulting room, three seminary rooms, a room for the Baptist Historical Collection, rooms for the use of the Boards of Trustees and the offices of the President.

The Gymnasium. This building was erected in 1893–1894. The first floor contains the Main Hall, sixty-two by fifty feet, with an elliptical running track suspended from the truss roof, and is amply lighted by a large skylight in the center of the roof in addition to the windows at the sides. The Professor's offices, the sparring, fencing, and bicycle rooms, and batting cage are also on this floor. On the ground floor is the locker room, containing accommodations for four hundred students; adjoining this are tile-lined bath-rooms, and a swimming tank, fifteen by forty feet. On the floor above the main hall are the trophy, lecture, and students' rooms, and a visitors' gallery overlooking the exercise room and running track. The building is thoroughly equipped with the most approved apparatus.

THE LIBRARY

The Library is intended to meet the needs of all departments of the University. It already contains about twenty-five thousand volumes, and is enlarged every year by the expenditure of

the income of a library fund of $25,000. In the Library are included the following special collections:

(1) The President Dodge gift of more than three thousand five hundred volumes, including an extensive and well selected collection of works on Christian archæology and art; (2) the Hon. Isaac Davis section, consisting of works on Baptism and works by Baptist authors, annually increased by the income of the fund bequeathed; (3) the William Ward Memorial Collection, consisting of encyclopædias and other works of reference, annually enlarged by the income of a fund given by the late William Bucknell, in memory of the Rev. William Ward, D. D., class of 1848; (4) the collection which once formed the library of the American and Foreign Bible Society.

The Baptist Historical Collection, the gift of Mr. Samuel Colgate, numbering already about thirty-five thousand pamphlets and bound volumes, constitutes a library in itself. It has been carefully catalogued and arranged in the room designed for it in Colgate Library. It consists of annual reports, catalogues, historical addresses and sermons, and historical sketches of local churches, besides many valuable books relating to Baptist history. No pains or expense has been spared by Mr. Colgate to make this collection as complete as possible; and generous provision has been made by him for its maintenance and enlargement. An explanatory pamphlet will be sent on application to the Librarian.

Students have direct and personal access to a collection of two thousand volumes or more, placed in the reading room. These volumes are changed more or less every term to meet the varying needs of the different departments. Other books may be drawn in accordance with customary library regulations. Students of all departments are encouraged to ask for assistance in their work, and to use the reading and seminary rooms for purposes of special investigation.

COLLECTIONS

The Museum of Geology and Natural History contains the following collections:

The Douglass Herbarium, presented by Dr. J. S. Douglass, filling thirty-three volumes, and illustrating the flora of the Northern United States.

The Zoölogical collections, including alcoholic specimens, chiefly collected by the late Professor W. R. Brooks; the conchological collection, consisting largely of tropical species; an excellent display of corals; and a very large and valuable collection of the birds of Europe, the East Indies, and North America, secured for the University by Professor A. S. Bickmore, of New York.

The geological material is arranged in several departments, as follows:

Historical.—An extended series of fossils, illustrating the succession of life in geological time. This collection was purchased for the University by Mr. James B. Colgate, and includes many of Ward's casts of extinct vertebrates.

Systematic.—Affording facilities for comparing the fossil with the existing forms of the several zoölogical groups. This collection has recently been enriched by the addition of a series of Silurian and Devonian corals, from Michigan and Canada.

Dynamical.—Here are found a suite of typical lavas and other volcanic products from many parts of the world; a model of Mount Vesuvius and its environs, and a variety of specimens illustrative of sedimentation, weathering, seashore action, metamorphism, folding, jointing, veins, dikes, and other structures, glacial action, the work of underground water, and the geological effects of organisms.

Lithological.—A typical display of rock-forming minerals and the common rocks resulting from their combination, sedimentary, metamorphic, and igneous.

Economic.—This collection was begun by the acquirement of representative building stones of New York and New England. Large additions have recently been made, embracing a wide range of geological materials used in the arts. These additions include several hundred specimens from Colorado, collected at

the principal mining camps and from firms in Denver. A highly valuable collection was also secured at the close of the Columbian Exposition, including native gold, silver, copper, ores of gold, silver, platinum, iron, tin, copper, zinc, nickel; fuels, building and ornamental stones, pigments, fire and plastic clays, asbestos, phosphates, road materials and miscellaneous minerals from all sections of the United States and the British Provinces, embracing a rich collection from the resources of New South Wales.

Mr. T. J. Welch, of Oil City, Penn., has presented to the University a very complete and valuable collection illustrative of the petroleum industry. It includes nearly two hundred samples of crude oil, a variety of refined products, with models of plants and apparatus.

The lecture room and laboratory are provided with maps, Zittel's and other charts, models, oxyhydrogen lantern, a large variety of slides and photographs, and a lithological lathe. There is also a valuable and very complete outfit of microscopic and other apparatus for biological study, which was donated as a class memorial by the Class of 1889 of this University.

ENDOWMENT

Before the Commencement of 1891, the University possessed, in addition to its grounds and buildings, a productive endowment of about half a million dollars; at that time, it received from Mr. James B. Colgate, of New York, an additional gift of a million dollars, invested and bearing interest. The conditions of this gift were so arranged that the income of one-half of the amount became available for the improvement of the University and the extension of its work, while the income of the other half is added for the present to the principal, and thus provides a steadily growing fund to meet enlarged necessities in the future. This noble gift has strengthened the University in all its work, and opened the prospect of permanent and increasing efficiency.

EXPENSES

The necessary expenses of a student in Hamilton are moderate. Tuition is fixed at a price much lower than that of most eastern institutions, while the dormitories furnish commodious

and comfortable rooms at a price merely nominal. Moreover, to worthy and capable students, aid is furnished by the Baptist Education Society of the State of New York, and numerous scholarships and premiums are provided by the University. It is intended, so far as possible, that no diligent, worthy student shall leave the institution for lack of means. The friends of the institution have made noble provision for this purpose, but the constant increase of the number of students and the extension of the usefulness of the University, make imperative the need of further provision in aid of promising students. It is hoped that those interested in higher education will be inclined to establish many other general scholarships, applicable at the discretion of the University to the assistance of worthy and capable young men.

The following list includes most of the necessary expenses of the undergraduate student for one year: Tuition, $60.00; room rent, $10.50 or $15.00, according to the location of the room; to a student rooming alone, the rent is $21.00 or $30.00.

An additional fee of $10.00 a term is incurred by those students who take Analytical Chemistry. This sum is intended to cover the expense of chemicals, gas, and the use of general laboratory apparatus. A deposit of $5.00 is required of all students in Analytical Chemistry, to cover breakage. Any balance left at the end of the course is returned. A laboratory fee of $2.00 a term is also paid by students in Zoölogy, Botany, and Palæontology, and of $3.00 by those working in the Department of Physics. A gymnasium fee of $1.00 a term is required of the two lower classes, and of all other members of the University making regular use of the gymnasium.

The above expenses are payable each term in advance. No deduction is made on account of absence, unless the student enter a lower class.

The fees for the degrees in course, including diploma, are five dollars each, payable in advance.

Board is obtained in clubs at an average cost of $2.25 a week. In private families it varies from $2.50 to $3.50. The cost of board and room in private houses is from $3.50 to $4.50 a week. The students who room in the college dormitories furnish their

own rooms. The care of the rooms is in part committed to the janitor.

UNIVERSITY SCHOLARSHIPS

The University has at its disposal the following scholarships:

The Trevor Scholarships—A fund of $40,000 was given by the late John B. Trevor, of New York, to establish forty scholarships—twenty yielding $90 a year and twenty yielding $30 a year each—for the benefit of those who have served in the army or navy of the United States. "Soldiers, or their orphan sons, or sons not orphans, or those dependent on soldiers for support—and in this order of preference—shall have the benefit of these scholarships."

The Gano Scholarship, of $90, established by Mrs. Eliza Rogers, of Providence, R. I.

The Eleanor F. Dodge Scholarship, of $60, established by Mrs. E. F. Dodge, of Providence, R. I.

The Edwards Scholarship, of $72, established by Hervey Edwards, of Fayetteville, N. Y.

The Van Antwerp Scholarship, of $60, established by William M. Van Antwerp, of Albany, N. Y.

The Palmer Scholarship, of $60, established by Nelson Palmer, Athens, N. Y., class of 1849.

The Coolidge Scholarship, of $54, established by William Coolidge, of Madison, N. Y.

The Phillips Scholarship, of $30, established by Thomas Phillips, of New York.

The Crissey Scholarship, of $30, established by Benjamin Crissey, of New York.

The Jefferson Tillinghast Scholarship, of $30, established by Jefferson Tillinghast, of Newport, N. Y.

The Peddie Scholarships, established by Thomas B. Peddie, of Newark, N. J.

The Ingalls Scholarships, two of $30 each, established by Mr. and Mrs. David W. Ingalls, of Hamilton, N. Y.

The Benjamin F. Tillinghast Scholarship, of $50, established by Benjamin F. Tillinghast, of Cortland, N. Y.

The Cynthia Burchard Andrews Scholarship, of $60, established by the late Mrs. Cynthia Burchard Andrews, of Hamilton, N. Y.

The President's Scholarships, ten of $39 each, designed for young men of character and capacity not preparing for the Christian ministry.

Written applications may be made to the Treasurer of the University, Mr. W. M. West, Hamilton, or to any member of the Faculty, giving name, age, residence, purpose in study, and means of support. Those who apply for one of the Trevor Scholarships should also state the military service on account of which the scholarship is asked.

THE EDUCATION SOCIETY

Students for the ministry, of suitable character and talents, may receive aid from the Baptist Education Society of the State of New York. The amount furnished varies somewhat according to the needs of the student and his position in the course of study. In addition to the regular contributions made to the society for this purpose, it also has control of a number of scholarships, the income of which is to be expended in the education of young men for the Christian ministry.

All communications with reference to the amount and conditions of help for ministerial students should be addressed to the Corresponding Secretary of the Education Society, H. S. Loyd, D. D., Hamilton.

RELIGIOUS SOCIETIES

The College Young Men's Christian Association is a large and vigorous organization, devoted to the sustaining and extension of religious life among the students. It sustains weekly meetings, Bible classes, and a workers' training class. At intervals through the year, public addresses of interest and value are delivered under the auspices of the association.

The Volunteer Band sustains a weekly missionary prayer meeting and a monthly public meeting, on which occasion papers are presented on subjects connected with missionary work. The society conducts correspondence with missionaries in the foreign field, and addresses are delivered before it by returned missionaries on practical topics connected with their experience and work.

The Missionary Museum contains collections from Greece, Hindustan, Burma, Siam, China, Mexico, Africa, and other missionary fields, illustrative of the customs, arts, dress, and religious rites of those countries.

PRIZES

"Only those students who are candidates for a degree can compete for prizes, or other college honors."

"No student is allowed to compete for any prize, unless he has passed all examinations prior to the term in which such competition takes place, and has also maintained standing during the term of competition. No credit in class standing is given for prize work. Students admitted to any class with conditions must pass examination on the subjects in which conditions have been imposed before competing for any prize."

THE DODGE ENTRANCE PRIZES

Four prizes were established by the late President Dodge for students entering the Freshman Class of the Classical Course, to be awarded as follows :

To the three students from Colgate Academy, whose standing during the academic course shall be the highest, will be awarded a first prize of $30, a second prize of $24, and a third prize of $18, to be paid at the opening of the Freshman Year.

A fourth Dodge Prize of $18 may be competed for by students entering from other preparatory schools, and also by such members of the senior academic class as entered the class during the year. The examination must be passed before the Saturday of the opening week. The officers hearing the Freshman Class are the committee of examination and award.

THE KINGSFORD DECLAMATION PRIZES

Established by Mr. Thomson Kingsford, of Oswego, N. Y.

By their class record for the year, twelve speakers are chosen from the Freshman, Sophomore, and Junior Classes, four from each class. Two speakers from each class receive awards. Premiums of valuable books for the first and second prizes, are given on Commencement Day to the six successful competitors.

THE CHEMICAL LABORATORY.

THE BALDWIN GREEK PRIZES

These prizes have been established for the Sophomore Class by Hon. D. P. Baldwin, LL. D., Class of 1856, Logansport, Ind. The examination, from printed papers, is exclusively in writing, and is upon some author, or work of an author, read by the class in the Spring Term of the Sophomore Year. It embraces both grammar and subject matter, with exercises in prose composition. There is a first prize of $18, and a second prize of $12. No student can compete unless his standing in all departments averages at least 8. The committee of award is not connected with the University. The examination for the class of '98 (postponed from last year) will be held April 3, 1897. The examination for the class of '99 will occur May 31, 1897.

THE OSBORN MATHEMATICAL PRIZES

These prizes, established in honor of the late Professor L. M. Osborn, have been provided for the Junior Class by ten of the Alumni and friends of the University. The examination, which is exclusively in writing, is on the subjects of Analytic Geometry and the Calculus. The prizes, three in number, a first prize of $25, a second prize of $20, a third prize of $15, are awarded by some scholar not connected with the University. No student is allowed to compete for these prizes, whose standing in this, or whose average standing in the other departments, falls below 8. For the present college year the examination will occur April 10th, 1897.

THE SOPHOMORE LATIN PRIZES

The examination is in writing on some author, or work of an author, read during the Second Term of the Sophomore Year. It includes, however, more than is required of the class, and embraces translation, grammar, and subject matter. There is a first prize of $25, and a second prize of $15. No student is allowed to compete unless his average standing in all departments is at least 8. The award is made by some scholar not connected with the University.

THE ALLEN ESSAY PRIZES

Established by George K. Allen, D. D., Class of 1870

Two prizes of $17 and $13 respectively, are awarded on Commencement Day to two members of the Junior Class, for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. Spain and her Colonies.
2. DuMaurier the Artist.
3. Government by Injunction.

THE LASHER ESSAY PRIZES

Established by George W. Lasher, D. D., Class of 1857

Two prizes, of $17 and $13 respectively, are awarded on Commencement Day to two members of the Junior Class for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. The Turkish Problem.
2. The American College as a Teacher of Patriotism.
3. William Morris, Poet aud Social Reformer.

The following regulations apply to both the Allen and Lasher Prize Essays :

1. Each prize essay must contain not more than fifteen hundred words, and must be so written that the manuscript will show broad margins, and be suitable for binding ; it must be signed with a fictitious name ; and this fictitious name must be subscribed in the sealed note containing the writer's real name.

2. Before the day appointed for receiving the prize essays, each competitor must register his name with the professor of Rhetoric.

3. The essays which receive awards will remain in the possession of the Librarian.

THE LAWRENCE CHEMICAL PRIZES

Maintained by Mr. G. O. C. Lawrence, of Buenos Ayres, S. A.

Two prizes, of $25 and $15 respectively, are awarded on Commencement Day, for excellence in Analytical Chemistry. The examination, which is exclusively in writing, is upon the subjects of General and Analytical Chemistry, as given in courses 1–4. Any student in this department, who is a candidate for a degree, may compete for these prizes, provided his work in all other departments is satisfactory, and his average standing in this department is not below 8. The next examination will occur June 2d, 1897.

THE JUNIOR HISTORICAL ORATION PRIZES

Maintained by Edward M. Grout, Esq., Class of 1884

Two prizes, of $60 and $40 respectively, are awarded to members of the Junior Class for excellence in oratory. These prizes are governed by the following regulations :

1. Any member of the Junior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration must be on some historical subject of the nineteenth century.

3. The oration presented must contain not more than two thousand words, and, in general, is subject to the regulations for prize composition.

4. From the whole number of orations presented, six shall be selected for public delivery.

5. The public contest shall be held on the Friday evening preceding the close of the Winter Term.

6. The prizes shall be awarded for excellence of thought and composition, and for practical effectiveness rather than technical excellence of delivery.

THE CLARKE ORATION PRIZE

Established by Sidney Clarke, Esq., of Grand Forks, N. D.

The contest for this prize occurs at the opening of the Spring Term, and the prize of $50, for excellence in oratory, is awarded on Commencement Day. The regulations for competition are as follows:

1. Any member of the Senior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration presented must contain not more than fifteen hundred words, and, in general, is subject to the regulations for prize composition.

3. From the whole number of orations presented, six shall be selected for public delivery.

4. The prize shall be awarded on the ground of excellence both in composition and in delivery.

The following topics are offered for the present year, one of which must be chosen:

1. The Income Tax.
2. How should the United States restrict immigration.
3. The Character of Benedict Arnold.
4. The Politician and the Public School.
5. International Arbitration.
6. Robert Burns, the Poet of Humanity.

THE CLASS OF 1884 DEBATE PRIZES

The Class of 1884 has established a fund whose annual interest will maintain a public prize debate, to be held during Commencement week. The prizes are $40 and $20.

The regulations governing the Class of 1884 Debate Prizes are as follows:

Competition for the Class of 1884 debate prizes shall be open to all members of the graduating class who have elected debates

throughout the Senior Year. These prizes shall be awarded on the following conditions:

1. In connection with the work in debate, there shall be held each year a preliminary debate for the selection of speakers for the prize debate.

2. Any member of the graduating class whose work in debate during the year shall be deemed worthy of such recognition may be designated as a candidate for the preliminary debate.

3. From the candidates at the preliminary debate, six speakers shall be chosen to be the competitors in the prize debate.

4. At the prize debate, two speakers shall receive awards.

5. The prizes shall be conferred on Commencement Day.

THE LEWIS COMMENCEMENT ORATION PRIZE

Established in Memory of Mr. George W. M. Lewis, of Utica, N. Y., by the late Professor John James Lewis, LL. D.

On Commencement Day of each year the sum of $60.00 will be awarded to that member of the graduating class who excels in the composition and delivery of an original oration.

Regulations of the Competition for the George W. M. Lewis Commencement Prize:

1. Every candidate for a degree, who shall be appointed to speak at Commencement, may compete for this prize.

2. Eight minutes shall be the limit of time for the delivery of each oration.

3. The committee of award shall consist of five persons not residents of Hamilton.

The sum of $60 shall be awarded, without division, to one orator before the close of the Commencement exercises.

REGULATIONS

Few formal laws are laid down by the College for the government of its students. It is expected that each student, during his residence at the College, will conduct himself in all his relations as a gentleman. Beyond this, formal laws are unnecessary.

Examinations, oral or written, are conducted each term in the studies of the term. Delinquents in term examinations, who fail to present themselves at the special examination succeeding, or who fail to pass such examination, are deprived of all privileges of the class room, unless a postponement of examination to a definite time is granted by special action of the Faculty. The above regulation applies also to students who for any reason shall fail to meet their appointments in public speaking, and shall not have made up the same before the close of the term in which the appointments occurred.

No student, except by special vote of the Faculty shall be advanced from any class to the next higher unless he have an average standing of 6 in every department of study.

If a student shall marry during his course of study, he thereby dissolves his connection with the University. The question of re-admission is subject to the discretion of the Faculty, but in no case shall he be allowed to re-enter his class.

For Sophomore electives, choices must be registered on or before the first day of each term; but it is desirable that they be reported before the close of the preceding term. After the second Friday night of the term no changes will be allowed, and none before that time, except by special vote of the Faculty. Juniors and Seniors, before the first Friday evening of the Fall Term, must make their elections for the entire year. In case of failure so to do, elective studies for the year will be arranged by a committee of the Faculty. Senior and Junior electives may be changed only by consent of the Faculty.

Except by special permission not less than sixteen nor more than eighteen hours per week may be elected, making an average minimum count for each year of seventeen hours per term.

Students pursuing a select course, not candidates for a degree, may upon application to the President receive a certificate stating the courses which they have successfully completed. No degree, however, can be conferred, or certificate given, unless the applicant shall have sustained a good moral character, settled all college bills, and returned all books and paid all fines to the Library.

Only those students who are candidates for a degree can compete for prizes or other college honors. But all who enter the regular courses, candidates for a degree, are placed upon an equal footing in such competition, unless specified conditions are made.

No student is allowed to compete for any prize, unless he has passed all examinations prior to the term in which such competition takes place, and has also maintained standing during the term of competition. No credit in class standing is given for prize work. Students admitted to any class with conditions must pass examinations on the subjects in which conditions have been imposed, before competing for any prize.

All graduating orations must be presented on the sixth Thursday before Commencement. Any Senior who shall not present his oration by the time specified shall be debarred from all recitations until the oration is presented. The Commencement speakers shall be chosen from those who present orations at the specified time, and the merit of the orations shall be taken into account in choosing the speakers.

No student is expected to be absent from any college exercise except in cases of necessity. In order, however, to provide for necessary absences of students, a certain number of absences will be allowed in each subject in accordance with the following regulations :

1. No student shall be allowed to absent himself from more than one-tenth of the whole number of exercises in any course during one term.

2. Any student desiring to be excused from reciting in any exercise shall be charged with absence.

3. No absence in excess of the number allowed shall be excused for any cause whatever.

4. Any student exceeding his allowed number of absences shall be expected to pass all reviews and term-reviews, and shall afterwards be required to pass a special examination before the first Saturday night of the following term. Failing to pass the said special examination, the student shall be required to take the subject again in the class room. Failing to present himself for the special examination, the student shall be debarred from recitation in any subject until he shall take the said special examination.

5. Continued absence, without cause, in excess of the allowed number of absences, may become a subject for discipline.

6. As respects attendance at chapel, the same proportion of absences shall be allowed as in the case of class room exercises.

7. Excess of the allowed number of absences from the chapel exercises may become a subject for discipline.

No student who is deficient in his college work shall be eligible to active participation in conduct and management of student organizations. By active participation in conduct and management is understood the holding of office as manager or director in any such organization, membership in any university exhibiting organization, contesting athletic team, or publishing board.

No student shall be eligible to active participation in the conduct and management of more than two such organizations during the same term.

Any club, organization, or team of students proposing to give one or more exhibitions or entertainments, before making any contracts or engagements, must present their plans to a standing committee of the Faculty, who will be ready to confer with the manager and another representative of the club or association; and no engagements shall be made without the approval of this committee.

The accounts of all student organizations shall be submitted by the treasurer of such organization before the last Wednesday of each term to an auditing committee, appointed by the faculty.

The regulations shall go into effect with the opening of the Fall Term, and are to be understood to apply to all engagements for dates which shall fall in that term.

Exceptions to the above regulations can be allowed only by special permission of the Faculty.

THE GYMNASIUM.

STUDENTS

SENIOR CLASS

Esmond Barton Beardslee,	I	*Little Meadow, Pa.*
Joshua Gregory Boomhower,	I	*Delhi*
Charles Whitman Briggs,	I	*Deposit*
J. L. Caldwell,	II	*Amsterdam*
Nelson Leonard Coleman,	I	*Red Creek*
John Barber Creighton,	II	*Malone*
John Wellington Finch,	I	*Earlville*
Warwick Stephen Ford,	I	*Camden*
Francis Wayland Goddard,	I	*Ningpo, China*
Henry David Gray,	II	*Auburn*
Glen Arnold Grove,	I	*Fayetteville*
William Guillan,	I	*Brooklyn*
Arthur John Haggett,	I	*Brooklyn*
Lamont Foster Hodge,	I	*Reading, Pa.*
William Thomas Hudson,	III	*Auburn*
Edgar Rhuel Hyde,	I	*Groton*
Edgar Shugert Ingraham,	II	*Oil City, Pa.*
William Baxter Kelsey,	II	*Brooklyn*
Clarence Darwin Kingsley,	III	*Syracuse*
Zalmon Chase LaRiew,	I	*Waverly*
Ernest Neal Lyon,	I	*Jersey City, N.J.*
Raymond Parsons Roberts,	III	*Perth Amboy, N. J.*
Robert Gillin Seymour, Jr.,	I	*Philadelphia, Pa.*
Dill Bronson Smith,	I	*Hamilton*
Kendall Proctor Smith,	I	*West Winfield*
Edwin Cyrus Tanner,	I	*Fenner*
Walter Hammond Wiley,	II	*Ballston Spa*

Cyrus George Wilson,	I	*Fenner*
Howell Roland Wood,	III	*Auburn*

NOT CANDIDATES FOR A DEGREE

William Edward Babcock,	*Constantia*
Frank Herrick Newland,	*Clifton Springs*
Charles Schweickert,	*New York*

Seniors 32

JUNIOR CLASS

Ulysses Fayette Axtell,	I	*Barbourville*
Irving Bacon,	III	*El Cajon, Cal.*
Franklin Luther Barker,	I	*Homer*
William Walker Barker,	I	*Fredonia*
Theodore French Brookins,	III	*Norwich*
Joseph Finton Bullock,	III	*Crosby*
John Gooding Carpenter,	II	*Westport*
Bert Arthur Cook,	III	*Minneapolis, Minn.*
Stephen Early,	I	*Owatonna, Minn.*
Frederick Valentine Emerson,	III	*Tillottson, Pa.*
Fred Pratt Ernsberger,	III	*Auburn*
Hiram Loren Fassett,	I	*Scottsville, Pa.*
Spencer James Ford,	II	*Camden*
Howard Marvin Gaylord,	II	*Bristol, Conn.*
William Walter Grant,	I	*Delhi*
Alton Lawrence Hall,	I	*Hamilton*
Asa Zadel Hall,	I	*Hamilton*
Harry Herbert Hays,	III	*Dundee*
Frederick Charles Hicks,	II	*Auburn*
Richard Dwight Hudson,	II	*Auburn*
Stephen Sanborn Huse, Jr.,	I	*Newton Junction, N. H.*
Matthew Francis Hyland,	II	*Hamilton*

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
Mathematics 1,	Mathematics 2,	Mathematics 3,
Rhetoric 1,	Rhetoric 2,	Rhetoric 2, (continued)
Public Speaking,	Public Speaking,	Public Speaking,
Latin 1, or	Latin 2, or	Latin 3, or
Greek 1,	Greek 2,	Greek 3,
French 1 or 2,	French 1 or 2,	French 1 or 3,
German 1 or 2.	German 1 or 2.	German 1 or 2.

SOPHOMORE YEAR

Mathematics 4,	German 2 or 4,	German 2 or 5,
Rhetoric 2, (continued)	Rhetoric 2, (continued)	English Literature 2,
Public Speaking,	English Literature 1,	Physics 1, (continued)
Latin 4, or	Physics 1,	Chemistry 1, (continued)
Greek 4,	Chemistry 1,	French 3,
French 2,	French 2, (continued)	Public Speaking,
German 2 or 3.	Public Speaking,	Mathematics 5, or
	Mathematics 4, or	Latin 6, or
	Latin 5, or	Greek 6.
	Greek 5.	

JUNIOR YEAR

Philosophy 1,	Philosophy 2,	Philosophy 2, (continued)
Public Speaking 5,	Public Speaking 5,	Public Speaking 5,
Electives, twelve hours.	Electives, twelve hours.	Electives, twelve hours.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For the list of elective studies see page 43.

III. FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
Mathematics 1,	Mathematics 2,	Mathematics 3,
German 1 or 2,	German 1 or 2,	German 1 or 2,
French 1 or 2,	French 1 or 2, (continued)	French 1 or 3,
Chemistry 2,	Chemistry 3,	Chemistry 4,
Rhetoric 1,	Rhetoric 2,	Rhetoric 2, (continued)
Public Speaking.	Public Speaking.	Public Speaking.

SOPHOMORE YEAR

Mathematics 4,	Mathematics 4,	Mathematics 5,
German 2 or 3, or	German 2 or 4, or	Geology 3,
French 2,	French 2, (continued)	German 2 or 5, or
Geology 1,	Geology 2,	French 3,
Rhetoric 2, (continued)	Rhetoric 2, (continued)	Physics 1, (continued)
Public Speaking.	Physics 1,	English Literature 2,
	English Literature 1,	Public Speaking.
	Public Speaking.	

JUNIOR YEAR

Physics 1, (continued)	Philosophy 2,	Philosophy 2, (continued)
Mathematics 6,	Public Speaking 5,	Public Speaking 5,
Philosophy 1,	Electives, twelve hours.	Electives, twelve hours.
Public Speaking 5,		
Electives, six hours.		

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For the list of elective studies see next page.

Frederick Bird Jones,	I	*Auburn*
Edgar Alexander Lewis,	II	*Belleville*
Elbert Hillis Loyd,	II	*Gloversville*
Thomas D'Arcy Lucus,	I	*New York*
Allen Lapp Metz,	I	*Williamsville*
Charles McKenzie Newton,	I	*Bangor, Wis.*
Ernest Arthur Prentice,	I	*Little Falls*
Edwin Merrill Randolph,	I	*St. Louis, Mo.*
Alpheus Bruce Reynolds,	I	*Victory*
Charles Hatch Sears,	I	*Fabius*
Harry Meeker Sheldon,	II	*Westport*
Edwards Hargrave Smith,	II	*Omaha, Neb.*
John Moore Stiles,	I	*Deposit*
Merton Ernest Stubbs,	II	*Colorado Springs, Col.*
Jeremiah McKay Thompson,	II	*Dundee*
Fred William Tomlinson	I	*Wales Centre*
Edwin Theodore Welch,	II	*Oil City, Pa.*

NOT CANDIDATES FOR A DEGREE

Charles Lamott Douglass,	*Poolville*
Clayton Gaston Mabey,	*Fleming*

Juniors..... 41

SOPHOMORE CLASS

Thomas Allen,	I	*Belchertown, Mass.*
Louis Edmund Bird,	II	*Victory*
Ralph Potter Bliss,	III	*Auburn*
Lester Wells Boardman,	I	*Newport, R. I.*
William Wallace Bullock,	II	*Crosby*
Arthur Cowin Cady,	I	*Rozetta, Ill.*
John Daboll Webster Chester,	I	*Noank, Conn.*
Frank Ferris Dunham,	I	*Owego*

George Everett Eldred,	II	*Hamilton*
George Charles Embody,	III	*Auburn*
Louis Thomas Foreman,	I	*Chicago, Ill.*
Harry Emerson Fosdick,	I	*Buffalo*
Nat Frame,	I	*Belleville*
Berton Anson Garrett,	II	*Ballston Spa*
George Kirkpatrick Hamilton,	I	*Buffalo*
James C. Harris,	I	*Boston, Mass.*
Stephen Holden, Jr.,	I	*Sherburne*
Manford Monroe Jenkins,	I	*Adams Centre*
Frank Alvord Jennings,	II	*Auburn*
Robert McDonald Kirkland,	I	*New Berlin*
Francis Ulysses Kohler,	I	*Fairport*
Claude Carl Lytle,	II	*Wolcott*
Walter Clark Mason,	I	*Hamilton*
Fred John Nevinger,	III	*Johnsonsburg*
Merrill Joseph Ober,	III	*Sandy Hill*
Charles Herbert Oliver,	I	*Boston, Ont., Can.*
Everett Joseph Parsons,	I	*Berlin, Wis.*
Homer Lockwood Post,	I	*Owasco Lake*
Cornelius Edward Schaible,	I	*Brooklyn*
Charles Alexander Schenck,	I	*Hamilton*
William Floyd Sears,	II	*Sherburne*
Clayton Byron Simmons,	I	*Oil City, Pa.*
George William Strobel,	II	*Ohio*
Louis Clark Tinker,	I	*Sharon, Pa.*
Stuart Root Treat,	II	*Auburn*
Charles Earl Walters,	II	*Beaver Dam, Wis.*
Louis Harmon Watkins,	II	*Montour Falls*
Seymour Bennett Weller,	II	*Montour Falls*
Harold Orville Whitnall,	III	*Syracuse*

NOT CANDIDATES FOR A DEGREE

Frank Bennett Lane,	*New Brunswick, N. J.*

Albert Ryerson Mills,	*New York*
Po Mya Taynau,	*Hamilton*

Sophomores..... 42

FRESHMAN CLASS

Oswald Theodore Avery,	I	*New York*
George Lionel Bennett,	I	*Clayton*
Edward Augustus Bingham,	II	*Spencer*
Thomas Edward Boswell,	I	*Shelbyville, Ky.*
H. Eltinge Breed,	III	*Cornwall*
Robert W. Burroughs,	I	*New Albion*
Harvey Dunham Cadmus,	I	*Newark, N. J.*
Daniel Webster Chester,	I	*Noank, Conn.*
Walter Concemore Cramp,	I	*Oneida*
William Mason Denison,	I	*Montrose, Pa.*
Emry Jay Dunklee,	I	*Wyalusing, Pa.*
Leland Delos Fosbury,	I	*Sidney*
Harry Schuyler Foster,	II	*Sing Sing*
Herbert Ernest Hatchman,	I	*West Troy*
William Thomas Henry, Jr.,	I	*Elmira*
Lewis Patton Hornberger,	III	*Hamilton*
James David Howlett,	I	*Lewiston, Me.*
William Henry Jones,	I	*Chicago, Ill.*
Herbert Paul King,	I	*Trumansburg*
John Veeder King, Jr.,	II	*Johnstown*
George Sauter Meidt,	II	*New York*
Edward David Mitchell,	I	*Philadelphia, Pa.*
Edwin Knapp Munro,	II	*Camillus*
William More Parke,	I	*Gloversville*
Frederick Charles Parker,	I	*New York*
James H. Porter,	I	*Mexico*

Henry Hyde Pratt,	III	*Hamilton*
William Root,	III	*Hamilton*
Frank Shields Ruland,	I	*Sidney*
Obadiah Martin Ruland,	I	*Sidney*
Judson Smith Rumsey,	I	*Cattaraugus*
John Manville Sayles,	I	*Mexico*
Arthur William Smith,	III	*Oneida Castle*
Lewis Jerome Smith,	III	*Sandy Hill*
Philip Tompkins Smith,	II	*Hamilton*
Frank Seymour Squyer,	I	*Auburn*
William Thayer Tower,	I	*Cortland*
Henry Russell Westcott, Jr.,	I	*Albany*
Claude J. Wheeler,	II	*Wolcott*
Fred Curtis Whitfield,	III	*Oneida*
William Wirt Wilson, Jr.,	III	*Wausau, Wis.*

NOT CANDIDATES FOR A DEGREE

Frederick Wallace Blakeslee,	*Bridgeport, Conn.*
Aretus P. Burroughs,	*New Albion*
Charles Jewell Burton,	*Westville*
Thomas W. Carter,	*Hamilton*
Walter Borough Cole,	*Cramer Hill, N. J.*
Charles Eugene Ross,	*Maine*

Freshmen 47

SUMMARY

Seniors,	32
Juniors,	41
Sophomores,	42
Freshmen,	47
Total,	162

COMMENCEMENT WEEK

JUNE 14–18, 1896

SUNDAY

10:30 A. M. Baccalaureate Sermon by H. H. Peabody, D. D., Rome.

7:30 P. M. Sermon before the Theological Seminary, by Wayland Hoyt, D. D., Philadelphia, Pa.

MONDAY

3:00 P. M. Kingsford Prize Declamations.

8:00 P. M. Concert by University Glee and Banjo Clubs.

TUESDAY

10:30 A. M. Graduating Exercises of Colgate Academy.

3:00 P. M. Class of 1884 Prize Debate.

7:30 P. M. Seventy-ninth Anniversary of the Baptist Education Society of the State of New York. Addresses by C. H. Watson, D. D., Arlington, Mass., and W. C. Bitting, D. D., New York.

WEDNESDAY

10:00 A. M. Theological Seminary Commencement. Address to the Graduating Class by Professor Jones.

2:00 P. M. Business Meeting of the Phi Beta Kappa.
Meeting of the Board of Trustees.

7:30 P. M. Meeting of the Alumni Association.

9:00 P. M. President's Reception.

THURSDAY

10:00 A. M. University Commencement.

1:00 P. M. Alumni Dinner.

COMMENCEMENT EXERCISES

THURSDAY, JUNE 18TH, 1896

INVOCATION

MUSIC

Oration, - - - - A Plea for the American Negro
Abraham Lincoln Abercrombie

*Oration, - - - - Citizenship of this World
John Benjamin Anderson

Oration, - - - - - - The Hero of Soudan
Ira Wilcox Bingham

Oration, - - - - - - - Cuba
William Henry Brown

MUSIC

Oration, - - - - - The Call of the Hour
Joseph Bertram Crandall

*Oration, - - The Guarantees of Anglo-Saxon Freedom
Burt Budington Grenell

Oration, - - - - - - The New Learning
Cyrus William Negus

Oration, - - The Relation of Moral Force to Scientific Achievement
Francis Abner Smith

MUSIC

Oration, - - - Religion and Intellect as Factors in Civilization
Elmer LeRoy Steen

Oration, - Arnold of Rugby as a Builder of Character
John Clark Tibbitts

Oration, - - - Alliance of the English-Speaking Peoples
William Hoadley Winegar

MUSIC

CONFERRING OF AWARDS AND DEGREES

BENEDICTION

*Excused

HONORS

DEGREES

CONFERRED JUNE 18, 1896

A. B.

Abraham Lincoln Abercrombie,
Dennis Joseph Bustin,
Joseph Bertram Crandall,
Walter Adna Leonard,
Cyrus William Negus,
Francis Abner Smith,
Foster Hamilton White,
John Benjamin Anderson,
John Pillsbury Carter,
Burt Budington Grenell,
Frederick Crosby Lovett,
Arthur Chase Rowe,
Elmer Leroy Steen,
William Hoadley Winegar.

PH. B.

Ira Wilcox Bingham,
Walter Lincoln Hughes,
William Henry Brown,
John Clark Tibbits.

B. S.

Charles Runyon,
William Louis Wheeler.

A. M. (on examination)

Wayland Morgan Chester.

A. M. (in course)

Alvah Wayland Bourn,
Louis Ellsworth Brokaw,
William Fordyce Fargo,
James William Ford,
Peter Buel Guernsey,
Dwight Dana Harmon,
George William Lang,
William Arthur Stanton,
George Braker, Jr.,
Thomas Joseph Bryan,
Everett Henry Fitch,
Hugh Gilmore Gregg,
Thomas Frank Hamblin,
Robert Inglis MacLellan,
Fred Volney Lester,
William Frank White.

PH. M. (in course)

Gilbert Elijah Farr.

B. D.

John Wayland Davies,
Hugh Gilmore Gregg,
William Frank White.

D. D.

Rev. Charles Henry Watson, Class of 1873, Arlington, Mass.

PRIZES

THE LEWIS COMMENCEMENT ORATION PRIZE

Cyrus William Negus.

Committee of Award:

Zelotes Grenell, D. D., Chicago,
Hon. Charles R. Skinner, LL. D., State Superintendent of Public Instruction,
Hon. E. H. Risley, Utica,
W. H. Spencer, D. D., Waterville, Me.
President E. K. Chandler, D. D., Clinton, Ky.

THE CLARKE ORATION PRIZE

Cyrus William Negus.

Committee of Award:

Rev. L. C. Grant, Hamilton,
Professor John Greene, Ph. D., Hamilton,
Professor D. F. Estes, D. D., Hamilton.

THE JUNIOR ORATION PRIZES

Glen Arnold Grove, First, Henry David Gray, Second

Committee of Award:

Superintendent George Griffith, A. M., Utica,
Professor Arthur Jones, D. D., Hamilton,
Professor William H. Crawshaw, A. M., Hamilton.

THE CLASS OF 1884 DEBATE PRIZES

Joseph Bertram Crandall, First, Francis Abner Smith, Second.

Committee of Award:

Rev. Andrew K. Fuller, Newburgh,
Rev. S. P. Merrill, Rochester,
Rev. G. G. Johnson, Ballston Spa.

THE LAWRENCE CHEMICAL PRIZES

Fred John Nevinger, First, Arthur John Haggett, Second.

Committee of Award:

Professor Edward Ellery, Ph. D., Worcester Academy, Mass.

THE LASHER ESSAY PRIZES

Dill Bronson Smith, First, Robert Gillin Seymour, Jr., Second

Committee of Award:

Professor Edward Everett Hale, Jr., Ph. D., Union University.

THE ALLEN ESSAY PRIZES

Frederick Charles Hicks, First, Howard Marvin Gaylord, Second.

Committee of Award :

Professor Roland Palmer Gray, Ph. D., University of Rochester.

THE OSBORN MATHEMATICAL PRIZES

Clarence Darwin S. Kingsley, First, Francis Wayland Goddard, Second.

Committee of Award :

Professor J. R. French, LL. D., Syracuse University.

THE SOPHOMORE LATIN PRIZES

Elbert Hillis Loyd, First, Frederick Bird Jones, Second.

Committee of Award :

Professor Frank Frost Abbott, Ph. D., University of Chicago.

THE KINGSFORD DECLAMATION PRIZES

CLASS OF 1897.

L. J. Caldwell, First, Howell Roland Wood, Second.

CLASS OF 1898.

William Walker Barker, First, Howard Marvin Gaylord, Second.

CLASS OF 1899.

Harry Emerson Fosdick, First, Stuart Root Treat, Second.

Committee of Award :

H. H. Peabody, D. D., Rome, Chairman,
H. A. Cordo, D. D., Bainbridge, Mass.,
Mr. George O. C. Lawrence, Buenos Ayres.

THE DODGE ENTRANCE PRIZES

CLASS OF 1900.

Awarded to students prepared for College at Colgate Academy :

Frederick Charles Parker, First, Oswald Theodore Avery, Second, Arthur Stocks, Third.

Awarded to student prepared elsewhere than at Colgate Academy :

William Thomas Henry, Jr., prepared at Elmira Free Academy.

PHI BETA KAPPA

The following members of the class of 1896 were admitted to the Phi Beta Kappa Society :

John Benjamin Anderson, Joseph Bertram Crandall,
Burt Budington Grenell, William Hoadley Winegar.

ALUMNI ASSOCIATION

The membership of this Association is composed of graduates from any one of the collegiate or theological courses of study in Colgate University, and of such persons as have received honorary degrees from the University, and who, after application, are elected at the annual meeting. It also includes associate members duly elected at the annual meeting.

OFFICERS FOR 1896–1897

President

Rev. W. M. Lawrence, D. D., '70, Chicago, Ill.

Vice Presidents

Rev. E. K. Chandler, D. D., '69, Clinton, Ky.
Rev. F. D. Penney, '85, North Adams, Mass.
Mr. George W. Douglass, 88, Brooklyn
Rev. W. A. Granger, '74, Mount Vernon

Secretary

Charles W. Underhill, Esq., '62, Hamilton

Treasurer

Professor J. M. Taylor, LL. D., '67, Hamilton

Necrologist

Professor John Greene, Ph. D., '73, Hamilton

UNIVERSITY CALENDAR

1896

Sept.	10,	Opening of Fall Term.
Nov.	3,	Election Day, a Holiday.
Nov.	26–28,	Thanksgiving Recess.
Dec.	18,	Close of Fall Term.

VACATION

1897

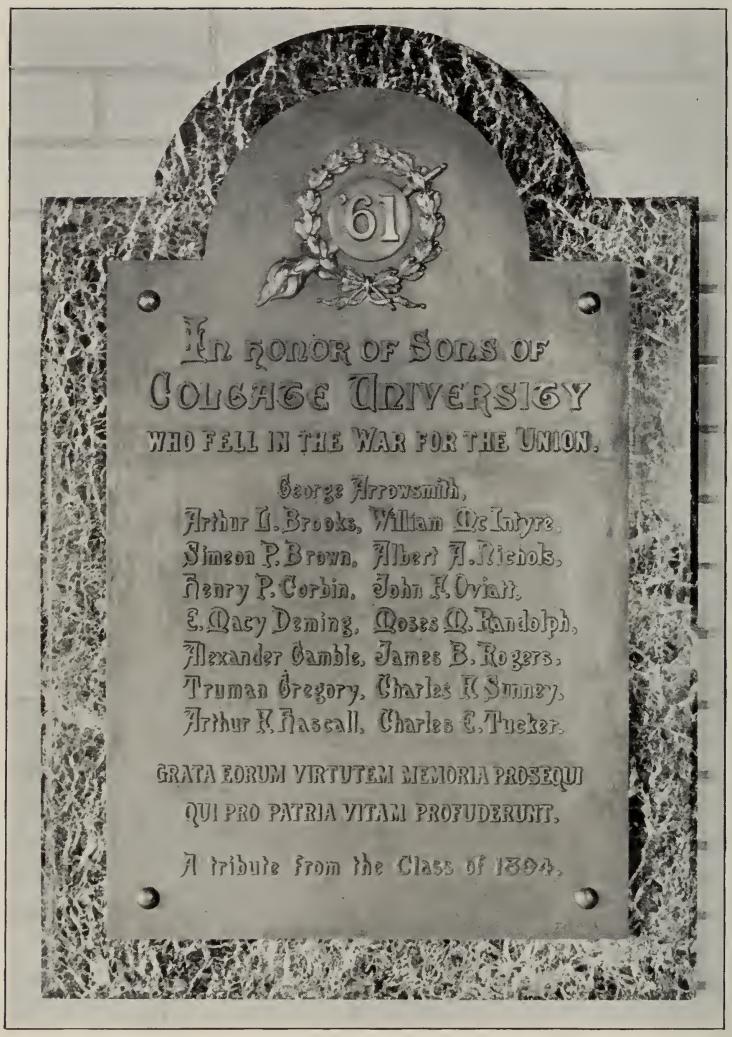
Jan.	5,	Opening of Winter Term.
Jan.	9,	Special Examinations.
Jan.	9,	Clarke Prize Orations due.
Jan.	23,	Junior Prize Orations due.
Jan.	28,	Day of Prayer for Colleges.
Feb.	12,	Clarke Prize Exhibition.
Feb.	22,	Washington's Birthday, a Holiday.
Mar.	12,	Junior Oratorical Exhibition.
Mar.	19,	Close of Winter Term.

VACATION

Mar.	30,	Opening of Spring Term.
Apr.	3,	Special Examinations. Baldwin Greek Prize Examination for Class of '98.
Apr.	3,	Sophomore Latin Prize Examination.
Apr.	10,	Osborn Mathematical Prize Examination.
Apr.	10,	Lasher Prize Essays due.
Apr.	10,	Allen Prize Essays due.
Apr.	16,	Patrons' Day.
May	6,	Commencement Orations due.
May	30,	Memorial Day, a Holiday.
May	31,	Baldwin Greek Prize Examination for Class of '96.
June	11,	College work closes.
June	14–15,	First Entrance Examinations.
June	13–17,	Exercises of Commencement.

VACATION

Sept.	7–9,	Second Entrance Examinations.
Sept.	7–9,	Opening of Fall Term.
Sept.	11,	Special Examinations.
Nov.	2,	Election Day, a Holiday.
Nov.	25–27,	Thanksgiving Recess.
Dec.	17,	Close of Fall Term.



THIS TABLET, DESIGNED AND EXECUTED BY TIFFANY AND COMPANY, WAS UNVEILED AND PRESENTED TO THE UNIVERSITY WITH APPROPRIATE CEREMONIES, JUNE 16, 1897, BY THE CLASS OF '94. ITS POSITION IS ON THE EASTERN WALL OF THE MAIN HALL OF THE COLGATE LIBRARY.

COLGATE UNIVERSITY

THE COLLEGE

THE ANNUAL CATALOGUE

1897-1898

HAMILTON, N. Y.

1897

Printed at Newburgh, N. Y.
By The Journal Press.

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THE UNIVERSITY CORPORATION

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* David A. Munro, Camillus
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Rev. Edward Lathrop, D. D., New York
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John C. Hoyt, Utica
Thomson Kingsford, Oswego
‡ Lewis E. Gurley, Troy
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Daniel W. Skinner, Hamilton
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Edward M. Grout, Esq., Brooklyn
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Edwin H. Risley, Esq., Utica
George W. Douglas, Brooklyn
Rev. Henry H. Peabody, D. D., Rome
Rev. James W. Ford, D. D., Troy

*Died August 30th, 1897.
†Died April 23rd, 1897.
‡Died May 18th, 1897.

OFFICERS OF THE CORPORATION

James B. Colgate, President

James C. Colgate, Secretary

William M. West, Treasurer

EXECUTIVE COMMITTEE

Edward Lathrop

Albert S. Bickmore

James C. Colgate

Henry M. Sanders

Gardner Colby

UNIVERSITY FACULTY

*_____ _____

President

PHILETUS BENNETT SPEAR, D. D.,
Professor Emeritus of Hebrew and Latin

†ALEXANDER MCWHORTER BEEBEE, D. D.,
Professor of Logic, Professor Emeritus of Homiletics

NEWTON LLOYD ANDREWS, PH. D., LL. D.,
Professor of the Greek Language and Literature,
Lecturer on the History of Art

JAMES MORFORD TAYLOR, LL. D.,
Professor of Mathematics

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SYLVESTER BURNHAM, D. D.,
Professor of Old Testament Interpretation,
Dean of the Theological Faculty

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Professor of Chemistry and Mineralogy

WILLIAM HENRY CRAWSHAW, A. M.,
Professor of English Literature,
Dean of the College Faculty

WILLIAM NEWTON CLARKE, D. D.,
J. J. Joslin Professor of Christian Theology

*The duties of the President's office are for the present performed by Professor Crawshaw.

†Died Feb. 21st, 1897.

Robert Webber Moore, Ph. B.,
Professor of French and German

Albert Perry Brigham, A. M.,
Professor of Geology and Natural History,
Curator of the Museum

David Foster Estes, D. D.,
Professor of New Testament Interpretation

Arthur Jones, D. D.,
Perry Professor of Homiletics

Ernest Fox Nichols, Sc. D.,
Professor of Physics

John Greene, Ph. D.,
Professor of Latin

Ralph Wilmer Thomas, A. M.,
Professor of Rhetoric and Public Speaking,
Acting Librarian

Melbourne Stuart Read, Ph. D.,
Professor of Philosophy

Charles Worthen Spencer, A. B.,
Professor of History

Frank Lucius Shepardson, A. M.,
Principal of Colgate Academy

FACULTY

*_____ _____

President

PHILETUS BENNETT SPEAR, D. D.,
Professor Emeritus of Hebrew and Latin

NEWTON LLOYD ANDREWS, PH. D., LL.D.,
Professor of the Greek Language and Literature,
Lecturer on the History of Art

JAMES MORFORD TAYLOR, LL.D.,
Professor of Mathematics

JOSEPH FRANK MCGREGORY, A. M., F. C. S.,
Professor of Chemistry and Mineralogy

WILLIAM HENRY CRAWSHAW, A. M.,
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Dean of the Faculty

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Professor of French and German

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Curator of the Museum

ERNEST FOX NICHOLS, SC. D.,
Professor of Physics

JOHN GREENE, PH. D.,
Professor of Latin

RALPH WILMER THOMAS, A. M.,
Professor of Rhetoric and Public Speaking,
Acting Librarian and Registrar

*The duties of the President's office are for the present performed by Professor Crawshaw.

Melbourne Stuart Read, Ph. D.,
Professor of Philosophy

Charles Worthen Spencer, A. B.,
Professor of History

George Wheelock Banning, M. D.,
Director of the Gymnasium,
Instructor in Physiology and Hygiene

George Ricker Berry, Ph. D.,
Instructor in Semitic Languages

Wayland Morgan Chester, A. M.,
Instructor in Geology and Natural History

Cyrus William Negus, A. B.,
Assistant in Public Speaking

Edgar Shugert Ingraham, A. B.,
Assistant in French and German

Thomas Joseph Bryan, A. M.,
Assistant in Chemistry

Clarence Darwin Kingsley, B. S.,
Assistant in Mathematics

May Frances Smith,
Assistant Librarian

Virginia Appleton Wilson,
Curator of the Baptist Historical Collection

Lant Gilmartin,
Janitor

INSTRUCTION

COURSES

The College provides three distinct and parallel courses of instruction leading to the Bachelor's degrees:

I. The Course in Arts, requiring Latin and Greek for matriculation, and leading to the degree of Bachelor of Arts.

II. The Course in Letters and Philosophy, requiring Latin or Greek, and German or French, for matriculation, and leading to the degree of Bachelor of Philosophy.

III. The Course in Letters and Science, requiring for matriculation certain scientific subjects, together with at least four years study in German, French, and Latin, or in any two of them, and leading to the degree of Bachelor of Science.

Each of these Courses extends over four years, and consists of prescribed and elective studies in language and literature, mathematics, natural science, history and political science, art, and philosophy. Every student is required to have not less than an average of seventeen hours of work per week in each year, except that in the third term of the Senior Year only twelve hours are required. In Courses I and II, all the work of the first four terms is prescribed, and fourteen hours of the fifth and sixth terms. In Course III, all the work of the first two years is prescribed. In the Junior Year, each of the Courses has five hours of prescribed work. All the work of the Senior Year is elective.

The following is a detailed statement of the courses of instruction in the several departments of the College, prepared by the respective officers. The Courses described above are designated throughout by Roman numerals: department courses by Arabic numerals. Unless otherwise stated, each department course occupies one term.

LATIN

The work of this department is intended to enable the student to read Latin with rapidity and accuracy, and to acquire, through the literature as far as possible, definite ideas of Roman life and culture. In the work of the first year, the essentials of syntax are reviewed and illustrated by exercises in prose composition based on Ciceronian Latin. Those who come so well prepared as not especially to need this work will be allowed under proper oversight to substitute extra reading, such as Cicero's Brutus, or De Officiis, or selections from the historians.

In the later courses, careful attention is given to the development of the language and literature, to the debt of the English language to the Latin tongue, and of all modern literatures to its great classics.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Cicero's Cato Major and Laelius. Prose composition and sight reading. *Fall Term, four hours.*

2. Livy. Cicero's Letters. Special attention is given to Cicero's character, and his place in history and literature. *Winter Term, four hours.*

3. The Odes of Horace. The principal metres are carefully studied, and (partly in connection with course 4) the Odes entire are read in the class-room. *Spring Term, four hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. Satires and Epistles of Horace. The portions selected are grouped about significant topics so as to set the character of Horace, his literary canons, and the customs of his time in as vivid a light as possible. Upon these writings as a basis, essays are prepared by members of the class, dealing with interesting topics connected with the life and works of Horace.

Selections from Catullus, or the Elegiac Poets, are also read. *Fall Term, three hours.*

5. Pliny's Letters. Martial (at sight). Upon this work a prize examination is set on the second Saturday of the Spring

Term. Those who enter this contest are excused from the regular final examination. *Winter Term, three hours.*

6. Satires of Juvenal. Courses 5 and 6 together give a well-rounded idea of Roman life under the early empire. *Spring Term, three hours.*

7. Quintilian. Books X and XII. This course will be offered in 1899. *Spring Term, three hours.*

8. The Germania and The Agricola of Tacitus. This course will be offered in 1900. *Spring Term, three hours.*

Greek or Mathematics may be substituted for courses 5–8 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

9. The Latin Fathers. This course is practically an introduction to patristic Latin. Lectures upon the peculiarities of ecclesiastical prose are followed by reading as widely as time allows. Latin hymnology is also briefly considered. *Fall Term, two hours.*

10. Methods of Secondary Instruction in Latin. Attention will be given in lectures and discussions to the merits of rival methods, to the best means of acquiring a vocabulary, of introducing and expounding the more difficult portions of Syntax, and of counteracting the tendency to use improper helps.

There will be practical work by members of the class in conducting recitations in the authors usually read in preparatory schools, and exercises in sight-reading. This course will be offered in 1898–99. *Fall Term, two hours.*

11. Plautus and Terence. Historical Syntax. Different plays are read from year to year, so that these authors may be studied for two terms by those who so desire. *Winter Term, three hours.*

12. Selections From Cicero's Philosophical Works, together with a study in outline of the systems of Philosophy prevalent in his time. *Spring Term, three hours.*

GREEK LANGUAGE AND LITERATURE

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Lysias. Selected orations. Greek composition. Sight-reading in Xenophon's Hellenica. *Fall Term, four hours.*

2. Plato's Apology and Crito. Greek composition. Sight-reading in Xenophon's Memorabilia. Brief outline of Greek history. *Winter Term, five hours.*

3. Odyssey and Lyric Poets:—Selections. The Homeric question. Outline sketch of Greek literature. *Spring Term, three hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. The Tragedies. Æschylus and Sophocles. Two plays, with readings from other tragedies. History of Greek drama. Essays. *Fall Term, four hours.*

5. Demosthenes. Oration on the Crown, or Olynthiacs and Philippics. The development of oratory. Legal procedure and political institutions of the Athenians. Later history of Greece. *Winter Term, three hours.*

6. Thucydides. Books VI and VII. His characteristics as an historian and his political philosophy. Studies of Athenian statesmen. *Winter Term, three hours.*

Courses 5 and 6 are offered in alternate years.

7. Euripides and Aristophanes. Medea or Hippolytus. Acharnians or Frogs. Sight-reading in Lucian. *Spring Term, three hours.*

Latin or Mathematics may be substituted for courses 5–7 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

8. Hellenistic Greek. Selections from the New Testament or the Septuagint, studied chiefly in comparison with the Attic language. *Fall Term, two hours.*

9. Theocritus. Study of the dialect, and of the place of the Idylls in literature. *Fall Term, two hours.*

Courses 8 and 9 are offered in alternate years.

10. Plato and Aristotle. The Phædo of Plato or selections from his Republic, and portions of the Ethics of Aristotle are offered in alternate years, and are studied with special regard to their philosophic content. *Winter Term, three hours.*

11. History of Greek Philosophy. Open to Juniors in all courses. Weber's text-book is used, with lectures by the Professor, and essays by members of the class. *Spring Term, three hours.*

12. Modern Greek. At the convenience of the officer a class may be organized, using Vincent and Dickson's handbook and some current Athenian newspaper.

SEMITIC LANGUAGES

ELECTIVE WORK

FOR JUNIORS AND SENIORS

1. Hebrew: (*a*) Orthography, Morphology, and Elements of Syntax (Harper); (*b*) translation and study of Genesis; (*c*) reading historical prose. *Three terms, four hours.*

1897–1898

2. Arabic: (*a*) Grammar (Lansing, Wright, Socin); (*b*) Quran; (*c*) prose selections. *Fall and Winter Terms, two hours.*

3. History: (*a*) Egypt; (*b*) Babylonia and Assyria. *Fall and Winter Terms, two hours.*

1898–1899.

4. Syriac: (*a*) Grammar (Nestle, Nöldeke); (*b*) Peshitta; (*c*) Specilegium Syriacum. *Fall and Winter Terms, two hours.*

5. History: Babylonia and Assyria, with the use of a German text-book. *Spring Term, two hours.*

For other courses, which may be elected only by students who have already studied Hebrew, or Hebrew and Arabic, see the catalogue of the Theological Seminary.

MODERN LANGUAGES

It is the aim of this department, first, to give the student a technical knowledge of the German and French languages sufficient to read them with facility and accuracy; second, to present to the student the general idea of the literary history of each language with a detailed statement of special important epochs; third, by occasional lectures, illustrated by the stereopticon, to give the student some idea of the cities, customs, and life of the people whose language is studied; and also to show the prominent place given to German literature in German art.

GERMAN

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES II AND III WHO HAVE HAD NO GERMAN, AND FOR SOPHOMORES IN COURSE I

1. ELEMENTARY COURSE. GRAMMAR. Practice in pronunciation and in memorizing short selections, systematic drill in grammar, with special reference to syntax. Rapid reading of modern works of fiction, including selections from such authors as Hauff, Heyse, Storm, and Auerbach. *Three terms, three hours.*

SECOND YEAR

IN COURSES II AND III, FOR FRESHMEN WHO PRESENTED GERMAN FOR ADMISSION, AND FOR SOPHOMORES

2. MINOR GERMAN CLASSICS. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. LESSING'S MINNA VON BARNHELM, AND NATHAN DER WEISE. *Fall Term, three hours.*

4. SCHILLER'S MARIA STUART, OR JUNGFRAU VON ORLEANS, AND WILHELM TELL. Lectures, some of them illustrated by stereopticon views, on the important works of Schiller. Essays

by the class on topics connected with the reading. *Winter Term, three hours.*

5. The Literature of the Nineteenth Century. The purpose of this course is to acquaint the student with some of the best recent literature, and the works read will vary from year to year. Occasional lectures. Essays by members of the class. *Spring Term, three hours.*

FOURTH YEAR

FOR JUNIORS AND SENIORS WHO HAVE HAD AT LEAST TWO YEARS' WORK IN GERMAN

6. Goethe's Faust. Essays on literary and philosophical subjects suggested by the reading. Lectures accompanied by stereopticon illustrations. Offered only in alternate years. *Fall Term, three hours.*

7. German Composition and Conversation. *Winter Term, three hours.*

8. Lyric Poetry. *Spring Term, three hours.*

9. Middle High German. Elements of the grammar. Readings from the leading literary productions of the Middle Ages. *Fall Term, three hours.*

10. Gothic. Braune and Balg's Gothic Grammar. Balg's Gothic Bible. *Winter Term, three hours.*

FRENCH

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Systematic Drill in Grammar, with special reference to syntax. Rapid reading of selections from such authors as Souvestre, Mérimée, and Feuillet.

This course extends through the entire year and is designed as a foundation for acquiring a technical knowledge of the French language, and as an introduction to French literature. *Three terms, three hours.*

SECOND YEAR

IN COURSES II AND III, FOR FRESHMEN WHO PRESENTED FRENCH FOR ADMISSION, AND FOR SOPHOMORES

2. MINOR FRENCH CLASSICS. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. THE FRENCH CLASSIC DRAMA. The class will read selected works from Corneille, Racine, and Molière. *Fall Term, three hours.*

4. VICTOR HUGO AND THE ROMANTIC SCHOOL. *Winter Term, three hours.*

5. FRENCH COMPOSITION. *Spring Term, three hours.*

ENGLISH LITERATURE

The objects sought in this department are mainly the following: first, a general knowledge of the historical development of the literature; second, a particular acquaintance with the great literary periods and with the most prominent authors in each; third, an understanding of the principles of literary criticism and of the laws that underlie the various forms of literary art; fourth, a scientific knowledge of the origin and development of the English language. These objects are sought, not merely for their own sake, but as the means of developing a broad culture and a thorough appreciation of a great literature.

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. CHAUCER. Studied as the first great English poet, with special reference to the literary characteristics of his work. *Winter Term, two hours.*

2. Elizabethan Poetry. The non-dramatic poetry of the age is studied through the masterpieces of representative authors. This course and the preceding are made the basis for the study of the fundamental principles of literary art. *Spring Term, five hours.*

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS

3. Elizabethan Drama. A historical and critical study of the dramatic work of Shakspere and his contemporaries. Representative dramas are analyzed and discussed; and the development of dramatic art is traced. *Fall Term, three hours.*

4 Eighteenth Century Poetry. From Dryden to Burns. Representative poems are carefully studied; and the development of the poetry of the age through its various phases is investigated. *Winter Term, three hours.*

5. Prose Masterpieces. The development of miscellaneous prose literature from the age of Elizabeth to the age of Victoria, as shown in selected masterpieces from the great prose writers. These are studied also as to their individual characteristics. *Spring Term, three hours.*

6. Prose Fiction. The rise, development, and characteristics of the English novel. Special attention given to Scott, Dickens, Thackeray, and George Eliot. Examination of the laws of fiction and of the principles of criticism involved. *Spring Term, three hours.*

7. Anglo-Saxon. Elementary course. The grammar of the language is studied; and special attention is given to acquiring facility in the reading of easy Anglo-Saxon prose. The relation of Anglo-Saxon to modern English is emphasized. *Fall Term, two hours.*

8. Anglo-Saxon. Rapid reading of prose selections. Outlines of Anglo-Saxon literature. *Winter Term, two honrs.*

9. Anglo-Saxon. Course 8 continued, with reading of poetical selections. *Spring Term, two hours.*

10. Middle English. Twelfth and thirteenth centuries. The language is traced through the various stages of its devel-

opment, and observation is made as to the general character of the literature. *Winter Term, two hours.*

11. Middle English. Continuation of Course 10. Fourteenth century. *Spring Term, two hours.*

THIRD YEAR

FOR SENIORS

12. Nineteenth Century Poetry. Wordsworth to Tennyson. Individual characteristics are noted; changes in the spirit and method of poetry are investigated; and attention is drawn to the relation of these changes to the political, social, and intellectual movements of the age. *Fall Term, five hours.*

13. American Literature. A study of the general development of American literature, of the characteristics of its various forms and classes, and of the representative works of leading authors in its various departments. *Winter Term, three hours.*

Courses 1 and 2 must precede the other literary courses. Students are strongly urged to take elective courses in chronological order. Courses 6, 10, and 11 will be given in alternate years with courses 5, 8, and 9 respectively.

RHETORIC AND PUBLIC SPEAKING

In the department of Rhetoric and Public Speaking the following courses are offered:

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Public Speaking. Weekly exercises in declamation are required throughout the year. Each speaker receives special drill in preparation for the public delivery of his declamation.

2. Rhetoric. This course is designed to give the student definite ideas of the elementary principles of the subject, and facility in their application. The work is of a practical character, consisting mainly of composition and criticism. *Fall Term, one hour.*

3. Rhetoric. A study of the subjects of style and invention. Members of the class are required to present themes, plans, and discussions. These receive individual criticism. *Spring Term, two hours.*

SECOND YEAR

FOR SOPHOMORES

4. Rhetoric. Course 3 continued. *Fall Term, two hours; Winter Term, three hours.*

Opportunity is given throughout the courses in Rhetoric for students to engage in newspaper work. The Colgate Press Club is allied to the department of Rhetoric. It includes in its membership correspondents of daily and weekly papers and monthly magazines. The theories of newspaper writing are taught in the various courses in Rhetoric: practice is obtained by correspondence submitted to the editors of the various papers represented in the Press Club.

5. Public Speaking. Elocution and Voice Culture. A study of breathing, diaphragmatic action, articulation, pronunciation, and vocal expression, during the Fall Term. Weekly exercises in declamation during the Winter and Spring Terms.

THIRD YEAR

FOR JUNIORS

6. Public Speaking. Courses on the composition and delivery of orations are continued throughout the Junior Year. The principles of this form of composition are studied, and each member of the class is required to submit original orations, which are freely criticised.

Instruction is given also on the general principles of the delivery of orations.

During the second and third terms the orations are presented before public audiences. Each production is read and criticised with the author and he receives drill on its delivery in preparation for his public appearance.

ELECTIVE WORK

FOR JUNIORS

7. Public Speaking. A course in debate is offered to those students who have completed courses 1 and 5. *Fall and Winter Terms.*

FOURTH YEAR

FOR SENIORS

8. Public Speaking. A course in debate is offered to those students who have completed courses 1, 5, and 6. *Fall and Winter Terms.*

In courses 7 and 9 instruction will be given in the principles of argumentation, and in the public delivery of argumentative addresses. These courses are designed to make the student familiar with the elementary principles of parliamentary procedure, while at the same time they give ample opportunity for both prepared and extemporaneous debate.

MATHEMATICS

The courses of study in this department begin with the Freshman Year, and may be continued, as required or elective studies, throughout the entire undergraduate course. This work is conducted by aid of text-books with lectures.

The aim of the instruction is to form habits of accurate and precise expression, and to develop the power of independent and logical thinking, as well as to teach the methods and principles of each subject.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE I

1. Geometry. Solid and spherical; conic sections; exercises in geometrical invention and applications; theory of limits. *Fall Term, four hours.*

2. Algebra. Functional notation; derivatives of algebraic, logarithmic, and exponential functions; development of functions in series; convergency and summation of series; theory and computations of logarithms; permutations, combinations, and probability; theory of equations; determinants; graphic algebra. *Winter Term, four hours.*

3. Plane and Spherical Trigonometry. The theory of the trigonometric functions and its application to the solution of plane triangles; Napier's Rules and Analogies; Gauss' Equations, and their application to the solution of spherical triangles. *Spring Term, four hours.*

FOR FRESHMEN IN COURSES II AND III

1*a*. Geometry and College Algebra. Conic sections; geometrical invention; systems of equations; derivatives; expansion of functions. *Fall Term, four hours.*

2*a*. Algebra and Trigonometry. Series; logarithms; theory of equations; determinants; graphic algebra; trigonometric functions and formulas. *Winter Term, four hours.*

3*a*. Trigonometry. Solution of plane triangles; Napier's Rules and Analogies; Gauss' Equations, and solution of spherical triangles; plain surveying. *Spring Term, four hours.*

SECOND YEAR

FOR SOPHOMORES

4. Analytic Geometry. The straight line and the conic sections. *Fall Term, four hours.*

5. Analytic Geometry. The general equation of the second degree, and higher plane curves, in Plane Geometry; and the point, the straight line, the plane, and surfaces of revolution, in Solid Geometry. *Winter Term, three hours.*

6. Calculus. Differentiation and practical applications, direct integration and its application to the determination of areas and volumes, and the rectification of curves; successive differentiation; evaluation of indeterminate forms; development of functions in series; maxima and minima.

No student can pursue this course who has not completed the first five courses. While designed to lay the foundation for the subsequent courses on this subject, it is adapted to those also who wish in a short time to gain a clear idea of the methods and problems of the Calculus. *Spring Term, three hours.*

Latin or Greek may be substituted for courses 5 and 6 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS

7. CALCULUS. A continuation of course 6, embracing the remaining subjects in Taylor's Calculus. *Fall Term, three hours.*

8. CALCULUS. A continuation of course 7, embracing the history and philosophy of the Calculus. Books of reference: the treatises of Williamson, Duhamal, Price, and Bertrand, Bledsoe's Philosophy of Mathematics, and Cajori's History of Mathematics. *Winter Term, three hours.*

9. DETERMINANTS. Weld's Determinants. *Spring Term, three hours.*

FOURTH YEAR

FOR SENIORS

10. QUATERNIONS. Hardy's Quaternions. Books of reference; the treatises of Tait, and Kelland and Tait. *Fall Term, two hours.*

11. THEORY OF EQUATIONS. Burnside and Panton's Theory of Equations. *Winter Term, two hours.*

PHYSICS AND ASTRONOMY

PHYSICS

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES

1. *Elementary Physics.* Instruction in the elements of physics is by lectures in which the general laws of mechanics, heat, acoustics, optics, and electricity and magnetism are presented. The steadily increasing equipment of the department in apparatus makes the demonstration of the larger number of laws possible in lecture-room experiments. The lectures are supplemented by recitations. Carhart's University Physics was used in this course as a text in the year 1896-1897.

Students entering this course must have completed Mathematics courses 1-4. *Winter and Spring Terms, five hours.*

Students in Courses I and II may substitute for the above, courses 1 and 2 in chemistry. Students making this substitution may elect elementary physics in the Junior Year.

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS AND SENIORS

2. *Laboratory Physics.* The laboratory practice is devoted to the experimental verification of physical formulæ. The student is taught to use instruments of precision and acquires some knowledge of the simpler methods of manipulation in the making of physical measurements.

Physics course 1 necessarily precedes the laboratory practice; and Mathematics courses 4-6 are recommended to students who intend later to take this course. *Three terms, two hours.*

ASTRONOMY

ELECTIVE WORK

FOR SENIORS

1. *Astronomy and Astro-Physics.* Conducted by lectures with experiments, and recitations from a text. Physics course 1 should precede this course. *Fall Term, three hours.*

GEOLOGY AND NATURAL HISTORY

The courses in this department are designed to give such knowledge of the several subjects as a scheme of general education requires. It will be seen also that both the geological and the biological courses are so arranged as to give two years of continuous work to those who may wish to teach these subjects or pursue them in a professional way. The instruction is given by lectures and laboratory work. Text-books for supplementary reading are required, with oral and written reviews. Much attention is given to the literature of the subjects, and habits of independent investigation are fostered. The significant questions which subjects in natural history raise at the present time

will receive such discussion as may be suitable. Hours for laboratory and field work are arranged after the organization of classes.

GEOLOGY

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

1. Dynamical Geology. The lectures treat of the applications of energy in the making of the earth. The chemical and mechanical work of the atmosphere, the effects of water in rivers, lakes, oceans, subterranean channels, and glaciers, form the earlier subjects of the course. The igneous forces are then studied, as seen in volcanoes, earthquakes, mountain making, and the development of continents. Several lectures are given on the geological work of organisms. The course deals particularly with the development of geographic forms, the evolution of scenery, and the effects of geological forces upon the course of human history. Four half-day excursions are made for the study of surface geology in the vicinity of Hamilton. The larger manuals of Dana or Le Conte are required in this and subsequent geological courses. *Fall Term, three hours.*

2. Lithological and Structural Geology. This course begins with an elementary study of the principal kinds of rocks. The lectures then deal with structural forms, such as stratified, tilted, faulted, and folded rocks, dikes, lava sheets, mineral veins, the general form of the earth, the structure and topography of continents and mountains, as determined by upheaval and general erosion. *Winter Term, three hours.*

3. Historical Geology. An elementary course with special reference to students who wish a general understanding of the succession of events in geological time. Among the special topics are: the climate, geography, plants, and animals of the various periods; economical products important in special formations, as fuels, pigments, ores, mineral waters, salt, pottery clays, and building materials; geological time; the last glacial period, the

antiquity of man, and the history of geological science. The course includes several field excursions, the accessible localities affording the best opportunities for beginning the study of historical geology. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Palæontology. A study of fossil organisms, their manner of preservation, their value as a geological record, their systematic relations and succession in time. The appearance and extinction of great groups, and probable ancestry of existing forms are treated, with a critical study of evolution. The history and present state of opinion, and the factors of evolution are made themes for discussion. Laboratory work two hours each week. Course 3 and Biology course 2 are required in preparation. *Fall Term, three hours.*

5. Geology. History of Topography. Two hours seminary work each week, with research, the results to be presented in a thesis. About one half of the term is occupied with study of the general principles of topographic genesis, such subjects as the adjustment of drainage and the baselevel, being treated with especial fullness. For the second half of the term each student selects a special topic, making report of progress from time to time to the class. The course serves as an introduction to the use of geological literature, and affords much training in the use of maps. *Winter Term, three to five hours.*

6. Geology. Field course. The quaternary geology of a district including fifty square miles in the vicinity of Hamilton, is the usual subject for study. Students carry on field work each week, both with the instructor and independently. All the materials of the drift, with subsequent formations, and the topography as a whole, are investigated in detail, each man presenting a report and map embodying the results of his study. Field problems in paleozoic geology may be assigned if preferred. *Spring Term, three to five hours.*

BIOLOGY

PRESCRIBED WORK

FIRST YEAR

FOR JUNIORS IN COURSE III

1. General Biology. This course deals with the simple laws of life and the relations of animals and plants. Practical work is done upon the fern, and either the earth-worm, or the frog, to illustrate the general structure and physiology of plants and animals; and these and other selected forms are made the basis for brief informal discussions of the leading principles of general biology. Instruction is given in the use of the compound microscope and the preparation of objects for microscopic examination. The course is designed as an introduction to the study of zoölogy and botany. *Fall Term, two hours. (Four hours' attendance.)*

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

Course 1 above is elective for Juniors in Courses I and II.

2. Invertebrate Zoölogy. Lectures and class dissections dealing with the general morphology of the various groups of invertebrate animals and some of the more evident problems of biological study suggested by each. This course is given as an introduction to the study of animal biology for those who wish to pursue biological work further, as well as for those who desire such general knowledge of the animal kingdom as all educated persons should have. *Winter Term, three hours. (Laboratory, two hours.)*

3. Vertebrate Dissection. This course is open to those who have completed courses 1 and 2. In the laboratory, practical dissection is made of one or more vertebrate forms. The general morphology and classification of the vertebrate groups is made the subject of lectures in connection with the laboratory work. *Spring Term, three hours. (Six hours' attendance.)*

4. Botany. The aim of this course is like that of 2. The structure and classification of plants, their distribution and eco-

Note.—Course 4 is given by Professor Brigham: the others by Mr. Chester.

nomic uses are treated, with attention to the determination of the flowering plants. Laboratory, two hours a week. Gray's Structural Botany and Manual are required. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

5. INVERTEBRATE DISSECTION. A laboratory course in the dissection of invertebrate forms, open to those who have had courses 1 and 2. The classification of the different groups and the study of the morphology and comparative anatomy of forms in the different classes is taken up. *Fall Term, three hours. (Six hours' attendance.)*

6. ADVANCED BIOLOGY. A course may be arranged somewhat according to the wishes of individual students. Some special line of work may be taken up, or the work of preceding courses extended. *Winter Term, three hours.*

7. ADVANCED BIOLOGY. As in course 6. *Spring Term, three hours.*

CHEMISTRY AND MINERALOGY

The aim of this department is to give instruction in the fundamental principles of scientific study and work, and to give the student training in habits of accuracy and observation. A portion of the work is carried on in the class-room by means of text-book and lectures, the remainder in the laboratory, which is equipped with all the apparatus necessary for the study of analytical chemistry.

CHEMISTRY

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE III, AND SOPHOMORES IN COURSES I AND II

1. GENERAL CHEMISTRY. A course for beginners, extending through the non-metallic elements. About one-half of the time is occupied with experimental lectures, the remainder being devoted to recitations, with frequent examinations. *Winter Term, five hours.*

2. Metallic Chemistry. A continuation of course 1, and extending through the metallic elements. During the latter part of the term a short course in blowpipe analysis will be given, with practical work in the laboratory. *Spring Term, five hours.*

Sophomores in Courses I and II may substitute for the preceding courses, course 1 in Physics.

SECOND YEAR

FOR SOPHOMORES IN COURSE III

3. Analytical Chemistry. A course in qualitative analysis in the laboratory, including the determination and separation of simple inorganic substances in solution. Frequent examinations are given upon the work done, and the whole is supplemented by a short course of lectures on the history of chemistry. *Fall Term, five hours.*

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS

Course 3 above is elective for Juniors in Courses I and II.

4. Analytical Chemistry. An advanced course in the qualitative analysis of alloys and minerals, including the study of some of the rare elements. A short course of lectures on theoretical chemistry will be given. *Winter Term, five hours.*

5. Organic Chemistry. A course of lectures on this subject, with experiments, and occasional examinations. *Spring term, five hours.*

THIRD YEAR

FOR SENIORS

6. Analytical Chemistry. A course in quantitative analysis extending through two terms. It is the aim of this course to make the student familiar with all the important quantitative determinations and separations of the elements. To this end the different methods gravimetric, volumetric, and electrolytic are employed. *Fall and Winter Terms, five hours.*

7. Advanced Analytical Chemistry. This course is a practical application of the principles learned in course 6, and

includes the quantitative analysis of minerals. *Spring Term, five hours.*

8. Special Courses. In place of course 7, a course in practical organic chemistry, or some of the simpler courses in technical chemistry may be taken by a limited number of students. *Spring Term, five hours.*

MINERALOGY

ELECTIVE WORK

FOR JUNIORS IN COURSE III, AND FOR SENIORS

1. Systematic Mineralogy. This course includes the study of crystallography, and of the most important physical and chemical properties of minerals employed in their determination, together with the classification and special study of the more important minerals. *Fall Term, three hours.*

2. Practical Mineralogy. To those who wish to continue the preceding course, practical work is offered to a limited number of students, the aim being to teach the use of instruments and general methods of mineralogical work. *Winter Term, three hours.*

HISTORY

The method of treatment will vary with the subject-matter of the courses and the changing needs of those electing them. The use of a text-book, class recitations and discussions, lectures by the instructor, reports on assigned subjects, may all be expected. Course 2 must be preceded by course 1, and, in general, it will be found to be an advantage to follow the courses in the order given. Course 7 is really a course in political science.

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

1. Introduction to the Middle Ages. From the Barbarian Migrations to the Dissolution of the Carolingian Empire. *Fall Term, three hours.*

2. Feudal Epoch. The Holy Roman Empire to the Fall of the Hohenstaufen. *Winter Term, three hours.*

3. History of England. From the English Conquest to the Tudor Monarchy. Special attention is given to constitutional development. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Renaissance and Reformation. From the Revival of Learning to the Peace of Westphalia. *Fall Term, three hours.*

5. American Constitutional History. This should be preceded, if possible, by course 3. *Fall Term, three hours.*

6. Course 5, continued. *Winter Term, three hours.*

7. French Revolution. From 1789 to the Congress of Vienna. *Winter Term, three hours.*

8. Comparative Government. A comparative study of the structure and workings of the governments of the great modern states. *Spring Term, three hours.*

9. Europe in the Nineteenth Century. From the Congress of Vienna to the Congress of Berlin. *Spring Term, three hours.*

ECONOMICS

Instruction in this Department is at present given by the Professor of History.

ELECTIVE WORK

FOR SENIORS

1. Elements of Political Economy. *Winter Term, three hours.*

2. Money and Banking. *Spring Term, three hours.*

PHILOSOPHY

PRESCRIBED WORK

FIRST YEAR

FOR JUNIORS

1. PSYCHOLOGY. Elementary science of the mental processes. *Fall and Winter Terms, three hours.*

2. LOGIC. Inductive and Deductive Logic, the principles and method of correct thinking and scientific procedure. *Spring Term, three hours.*

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

3. HISTORY OF GREEK PHILOSOPHY. Courses 10 and 11 in the department of Greek. *Winter and Spring Terms, three hours.*

4. EDUCATIONAL PSYCHOLOGY. Discussion of psychological topics such as attention, interest, habit, reasoning, emotion, and volition, with special reference to their pedagogical implications. This course will be given in 1898 and repeated in 1900. *Spring Term, three hours.*

SECOND YEAR

5. HISTORY OF MODERN PHILOSOPHY. The leading philosophical systems from Descartes to the present time. Considerable time is given to reading selected portions of the works of representative philosophers. *Three Terms, three hours.*

6. ETHICS. A critical and constructive study of morals, with special reference to theories of the moral consciousness and the moral ideal. *Fall Term, three hours.*

7. METAPHYSICS. An elementary study of first principles. *Winter Term, three hours.*

8. PHILOSOPHY OF RELIGION. History of religions, the relation between science and religion and the religious aspect of various metaphysical theories. This course will be given in alternate years with course 4. *Spring Term, three hours.*

For courses 7 and 8 may be substituted studies in introduction to philosophy, advanced ethics, advanced logic, or advanced psychology.

Text-books, to be announced from time to time, are used in all courses of this department as the basis of instruction, and are supplemented by lectures, discussions, and essays. Courses in philosophical reading under the supervision of the Professor in charge will be arranged to meet the wants of individual students.

HISTORY OF ART

ELECTIVE WORK

FOR SENIORS

Instruction is offered in the history of architecture and sculpture. Text-books are used, and the students are required to consult the important authorities in preparation for stated examinations upon special questions. A room is provided for these investigations, equipped with a large number of works of reference. This study is accompanied with lectures, illustrated by numerous lantern views, and is aided also by a copious collection of photographs.

Egyptian art is first taken up, and that of Babylonia, Assyria, and Persia is next considered. Special attention is given to the origin and development of Greek architecture. Its connection with earlier styles is noted, and the modifications and additions made by the Romans are carefully traced. Basilican, Byzantine, Romanesque, and Mohammedan work is then treated. Further courses deal with Gothic and Renaissance architecture.

An attempt is made to trace the development of ancient sculpture, to impart some appreciative knowledge of its masterpieces to show the relation between classical and mediæval work, and to bring out those principles which gave to the plastic art of the Greeks its enduring preëminence as the standard of taste. *Three terms, two hours.*

PHYSIOLOGY

PRESCRIBED WORK

FOR FRESHMEN

1. Hygiene. This subject is presented in a course of lectures, bearing upon the proper care of the physical man. The treatment is topical. The organs of each physiological system of the body are described, together with their workings and their relations to the special functions which they perform. The hygiene relating to each system is discussed in connection with the description of its anatomy and physiology. *Fall Term, one hour.*

FOR FRESHMEN IN COURSE III

2. Physiology. A scientific presentation of the processes of life in the human body. *Fall Term, five hours.*

ELECTIVE WORK

FOR JUNIORS

3. Physiology and Hygiene. This course, advancing slightly upon courses 1 and 2, is designed especially for students in Courses I and II who desire more than an elementary knowledge of the laws of life and health. *Winter Term, three hours.*

CONSPECTUS OF COURSES

I. FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(4) Latin 1,*	(4) Latin 2,	(4) Latin 3,
(4) Greek 1,	(5) Greek 2,	(3) Greek 3,
(3) French 1,	(3) French 1,	(3) French 1,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2.	(1) Public Speaking 1,
(4) Mathematics 1.		(4) Mathematics 3.

SOPHOMORE YEAR

(3) Latin 4,	(3) Latin 5, or	(3) Latin 6, or
(4) Greek 4,	(3) Greek 5 or 6 or	(3) Greek 7, or
(3) German 1,	(3) Mathematics 5,	(3) Mathematics 6,
(2) Rhetoric 4,	(3) German 1,	(3) German 1,
(1) Public Speaking 5,	(2) English Literature 1,	(5) English Literature 2,
(4) Mathematics 4.	(3) Rhetoric 4,	(1) Public Speaking 5,
	(1) Public Speaking 5,	(5) Physics 1, or
	(5) Physics 1, or	(5) Chemistry 2.
	(5) Chemistry 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see page 39.

*The first numeral (in parenthesis) indicates the number of hours per week: the second is the number of the course in the department statement.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(4) Latin 1, or	(4) Latin 2, or	(4) Latin 3, or
(4) Greek 1,	(5) Greek 2,	(3) Greek 3,
(3) German 1 or 2,	(3) German 1 or 2,	(3) German 1 or 2,
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2*a*.	(1) Public Speaking 1,
(4) Mathematics 1*a*.		(4) Mathematics 3*a*.

SOPHOMORE YEAR

(3) Latin 4, or	(3) Latin 5, or	(3) Latin 6, or
(4) Greek 4,	(3) Greek 5 or 6, or	(3) Greek 7, or
(3) German 2,	(3) Mathematics 5,	(3) Mathematics 6,
(3) French 2,	(3) German 2,	(3) German 2,
(2) Rhetoric 4,	(2) English Literature 1,	(5) English Literature 2,
(1) Public Speaking 5,	(3) Rhetoric 4,	(1) Public Speaking 5,
(4) Mathematics 4.	(1) Public Speaking 5,	(5) Physics 1, or
	(5) Physics 1, or	(5) Chemistry 2.
	(5) Chemistry 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms.
twelve hours Spring Term.

NOTE—For list of elective studies see page 39.

III. FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(3) German 1 or 2,	(3) German 1 or 2,	(3) German 1 or 2,
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2*a*,	(1) Public Speaking 1,
(4) Mathematics 1*a*,	(5) Chemistry 1.	(4) Mathematics 3*a*,
(5) Physiology 2.		(5) Chemistry 2.

SOPHOMORE YEAR

(3) German 2, or	(3) German 2, or	(3) German 2, or
(3) French 2,	(3) French 2,	(3) French 2,
(2) Rhetoric 4,	(2) English Literature 1,	(5) English Literature 2,
(1) Public Speaking 5,	(5) Rhetoric 4,	(1) Public Speaking 5,
(4) Mathematics 4,	(1) Public Speaking 5,	(3) Mathematics 6,
(2) Biology 1,	(3) Mathematics 5,	(5) Physics 1.
(5) Chemistry 3.	(5) Physics 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1.	(3) Philosophy 1,	(3) Philosophy 2.
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For the list of elective studies see next page.

LIST OF ELECTIVE STUDIES

JUNIOR YEAR

FALL TERM	WINTER TERM	SPRING TERM
Latin 9 or 10,	Latin 11,	Latin 12,
Greek 8 or 9,	Greek 10,	Greek 11, 12,
Semitic Languages 1, 2, 3,	Semitic Languages 1, 2, 3,	Semitic Languages 1,
German 3, 6, 9,	German 4, 7, 10,	German 5, 8,
French 3,	French 4,	French 5,
English Lit. 3, 7,	English Lit. 4, 8 or 10,	English Lit. 5 or 6, 9 or 11,
Debates 7,	Debates 7,	Mathematics 9,
Mathematics 7,	Mathematics 8,	Physics 2,
Physics 2,	Physics 2,	Geology 3,
Geology 1,	Geology 2,	Biology 3,
Biology 1,	Biology 2,	Chemistry 5,
Chemistry 3,	Chemistry 4,	Botany 4,
Mineralogy 1,	Mineralogy 2,	History 3,
(Course III only)	(Course III only)	Philosophy 3, 4.
History 1.	History 2,	
	Philosophy 3,	
	Physiology 3.	

SENIOR YEAR

Junior electives are also open to Seniors when the schedule permits.

FALL TERM	WINTER TERM	SPRING TERM
English Lit. 12,	English Lit. 13,	Geology 6,
Debates 8,	Debates 8,	Biology 7,
Mathematics 10,	Mathematics 11,	Chemistry 7 or 8,
Astronomy 1,	Geology 5,	History 8, 9,
Geology 4,	Biology 6,	Economics 2,
Biology 5,	Chemistry 6,	Philosophy 4 or 8, 5,
Chemistry 6,	Mineralogy 2,	History of Art.
Mineralogy 1,	History 6, 7,	
History 4, 5,	Economics 1,	
Philosophy 5, 6,	Philosophy 5, 7,	
History of Art.	History of Art.	

REQUIREMENTS FOR ADMISSION

GENERAL REQUIREMENTS

All candidates for admission must bring with them testimonials of attainments and of moral character, preferably from their latest instructors, and, if from another college, a certificate of regular dismission.

Candidates for the Freshman Class must have completed their fifteenth year, and candidates for a higher class must be advanced in age correspondingly

It is recommended that the candidate be prepared for examination in the requirements as specified, but equivalents will be accepted.

SUBJECTS REQUIRED FOR ADMISSION TO THE FRESHMAN CLASS

I. THE COURSE IN ARTS

1. Latin. Cæsar's Commentaries (Books I–IV); six orations of Cicero, including that for the Manilian Law and that for the Poet Archias; six books of Virgil's Æneid; Latin Grammar, (Allen and Greenough, Bennett, or Harkness); and Jones' or Bennett's Exercises in Latin Prose Composition. The foregoing requirements are to be understood as indicating the desired amount of work, not necessarily its precise nature. Students are advised to substitute, if circumstances permit, Rolfe's Viri Romae for a part of the Cæsar, Sallust's Catiline for a part of the Cicero, and to read some of Ovid before beginning Virgil. Full equivalents will be accepted for any of the authors named. It is especially desirable that candidates should have acquired the ability to translate easy passages in prose and verse at sight.

2. Greek. Goodwin's or Hadley-Allen's Greek Grammar; four books of Xenophon's Anabasis; three books of Homer's Iliad; and exercises in prose composition. Collar and Daniell's Beginners' Greek Prose Composition is recommended. For two

books of the Anabasis, a like amount of the Hellenica may be offered; and for one book of the Iliad, an equivalent in Herodotus may be substituted.

3. English. The examination in English consists of two parts, one to test the general reading of the pupil, the other to bring out the results of more careful study and practice.

Part I. Reading. The candidate must show a good general knowledge of the subject-matter of each work and answer simple questions on the lives of the authors.

In 1898, they will be Milton's Paradise Lost (Books I and II), Pope's Iliad (Books I and XXII), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1899, Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Lowell's The Vision of Sir Launfal, Hawthorne's The House of the Seven Gables.

In 1900, Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

Part II. Study. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form, and structure, and also is designed to test the candidate's ability to express his knowledge with clearness and accuracy.

This portion of the examination for 1898 will be upon the following works: Shakspere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tartar Tribe, and Tennyson's The Princess.

In 1899, Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, and Carlyle's Essay on Burns.

In 1900, Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, Macaulay's Essays on Milton and Addison.

4. Mathematics. Algebra: Taylor's Academic Algebra, or an equivalent in other authors; Geometry: Wentworth's or Chauvenet's Plane Geometry, or an equivalent in other authors.

To enable students to succeed in the study of Mathematics in the University, the studies of the last year of the preparatory course should include a review of both Algebra and Geometry.

5. History. The History of Greece or of Rome, and of England or of the United States. Each should be pursued for seventy-five recitation hours.

6. Physiology and Hygiene. Preparation in some good elementary work on these subjects.

II. THE COURSE IN LETTERS AND PHILOSOPHY

1. Latin or Greek. The same preparation in either as for Course I.

German or French. Two years in either language, or one year in each. The following outline will indicate the amount of work which each year is expected to cover:

German. (First Year.) 1. Ability to pronounce German correctly, and read it with proper intonations. 2. Accurate knowledge of the elements of the grammar. The amount in Joynes-Meissner's Grammar, or an equivalent, will be accepted. 3. Enough reading to enable the candidate to translate simple German at sight. No specific authors or works are designated, but the amount read should be about two hundred pages, of which the larger part should be narrative and conversational prose. Five recitations a week during one year should be given to this work. Preparation by the so-called "natural" method should be supplemented by systematic drill in grammar.

(Second Year.) 1. More thorough knowledge of grammar, especially in the elements of word-formation, the uses of prepositions and conjunctions, essentials of syntax, and in the uses of

modal auxilaries and the subjunctive. 2. Ability to translate ordinary German at sight. To acquire this facility not less than four hundred pages of prose and verse, in addition to the elementary work, should be read. It is recommended that about half of this reading be selected from the works of Lessing, Schiller, and Goethe. One year's additional instruction should be given to this work.

French. (First Year.) 1. A thorough knowledge of the grammatical inflection, with special attention to the irregular verbs. The amount in Whitney's Practical French, or an equivalent, will be accepted. 2. Enough reading to enable the candidate to translate simple prose at sight. No specific authors or works are designated for examination, but the amount read should be about three hundred pages, of which the larger part should be modern narrative and conversational prose. Five recitations a week during one year should be given to this work.

(Second Year.) 1. Ability to pronounce French correctly and to read it with proper intonations. 2. A thorough and detailed knowledge of accidence, and familiarity with the essentials of syntax, especially the uses of the moods and tenses. Ability to translate at sight standard French. For this purpose, in addition to the elementary work, not less than four hundred pages of prose and verse should be read, and the selections should be taken from various authors. One year's additional instruction should be given to this work.

3. English, as for Course I.

4. Mathematics, as for Course I, with the addition of Solid Geometry not including Spherical.

5. History, as for Course I, except that three subjects out of the four are required.

6. Physiology and Hygiene, as for Course I.

III. THE COURSE IN LETTERS AND SCIENCE.

1. Languages. Two of the three following languages:

(a) Latin, two years. (b) French, two years. (c) German, two years. Or Latin two years, and French and German one year each.

2. English, as for Course I.

3. Mathematics, as for Course I, with the addition of Solid Geometry (including Spherical).

4. Physics, one year's work.

The following specifications are suggested:

One full year of work, as in Gage's Elements of Physics, Nichols' Outlines of Physics, or Carhart's and Chute's Elements of Physics, including also a series of at least thirty experiments from Chute's Physical Laboratory Manual or their equivalent, the student's note-book certified to by the instructor to be presented at the examination.

5. Chemistry through the non-metals. One-half year's work, as in the best manuals of elementary Chemistry. Such quality of work is required as to prepare the student for laboratory work in Analytical Chemistry.

6. History, as for Course II.

7. Physiology and Hygiene, as for Course I.

8. One of the three following:

Physical Geography, as in Tarr's Elementary Physical Geography.

The kind of work expected in Physiography is also indicated in the section on Geography, in the report of the Committee of Ten, and in the National Geographic Monographs.

Astronomy, as in Young's Lessons in Astronomy, or an equivalent.

Zoology, mainly the laboratory and field study of the common forms. The student must show training in observation: mere text-book work will not be accepted. Such guides as Colton's Practical Zoölogy, or Dodge's Elementary Biology are recommended.

ADMISSION TO ADVANCED STANDING

Candidates for admission to any class higher than the Freshman are examined in the previous studies, or their equivalents, of the class which they wish to enter. Students coming from another college, may, at the discretion of the Faculty, be admitted upon certificate in the studies covered. If, however, they enter after the beginning of the Sophomore Year, and desire to compete for Commencement honors, they will be expected to

pass examination upon the previous work of the course. No person will be admitted to the University, as a candidate for the Bachelor's degree, after the opening of the second term of the Senior Year.

ADMISSION AS SPECIAL STUDENTS

In exceptional cases, men who cannot meet the requirements of admission to a regular course, or are unable to give more than one or two years to study in college, are admitted to the privileges of the University and allowed to elect work under the direction of the Faculty. Such students are required to pass a preliminary examination sufficient to ascertain their qualifications, and are subject to the same regulations and discipline, and to the same examinations in the studies pursued, as those who are candidates for a degree. Special students cannot compete for prizes or take part at Commencement; and their names appear in the catalogue in a separate group.

The opportunity of pursuing selected studies under the above conditions is not offered to those who have failed to maintain standing in one of the regular courses.

ENTRANCE EXAMINATIONS

Entrance examinations will be held at the University as follows: Monday and Tuesday, June 13th and 14th, 1898, and again on Tuesday, Wednesday, and Thursday, September 6th, 7th, and 8th following.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions in September. Those who remain conditioned after the September examinations or receive conditions at that time, may be required by the respective officers to study under an authorized tutor.

For the benefit of students living at a distance, who can not conveniently take the June examinations at the University, arrangements may be made by which examinations shall be held under the direction of a college officer, or some authorized person, at some convenient point. Under such circumstances, the names must be sent to the President not later than May 15th, 1898.

ADMISSION BY CERTIFICATE

The entrance examination in English must be taken by all applicants for admission to either Course. With this exception, admission may be wholly or in part by certificate as follows:

Pass Cards and Diplomas of recent date, issued by the Regents of the State of New York, will be accepted for the subjects which they cover.

Students from schools having approved preparatory courses may be admitted upon satisfactory certificates from their Principals. Certificates should, if possible, be filed with the Registrar before the entrance examination in June. Blanks for certificates will be furnished upon application.

Principals of preparatory schools who desire to have their pupils admitted on certificate are invited to correspond with the President.

GRADUATE WORK

I. MASTERS' DEGREES

The University Faculty will recommend for the degree of Master of Arts, Master of Philosophy, or Master of Science, candidates who have received the corresponding Bachelor's degree from any approved college, and who shall have pursued a course of advanced non-professional study equivalent to an additional year of college work. Such a course shall consist of a major and a minor subject to be taken in different, but related, departments. Satisfactory examinations must be passed in these studies; and a thesis must be presented on some topic within the field of the major subject. The plan of study must be submitted by October 1st, the subject of the thesis by December 1st, and the thesis itself by May 15th of the year in which the candidate expects to take the degree. Graduates giving their full time to the work may be recommended for the degree after one year of study. Graduates giving only a portion of their time to the work will not be recommended under two years. Graduates enrolled in the Theological Department who are not candidates for the degree of Bachelor of Divinity may be recommended after three years. No one will be recommended for a Master's Degree without post-graduate study in residence during at least three terms. A copy of the thesis must be deposited in the University Library.

The conferring of the degree of Master in course has been discontinued since the Commencement of 1895–1896.

II. DEGREE OF BACHELOR OF DIVINITY

The University Faculty will recommend for the degree of Bachelor of Divinity candidates who have received the degree of Bachelor of Arts, and who shall have pursued the Full Course in the Theological Department, including an approved scheme of electives for the Middle and Senior Years, and shall have pre-

sented a thesis of not less than three thousand words, approved by the Theological Faculty. A copy of the thesis must be deposited in the University Library. The University Faculty will not recommend the conferring of this degree for work done *in absentia.*

THE COLGATE LIBRARY.

GENERAL INFORMATION

GROUNDS AND BUILDINGS

The present site of Colgate University was determined by the gift, in 1826, of one hundred and twenty acres of land by Samuel Payne and his wife. Various additions have been made until now the University grounds include about two hundred and twenty-five acres.

The country surrounding the village of Hamilton, within whose limits the grounds are situated, is pleasantly diversified by valley and hill, and constitutes an environment of much natural beauty.

The Superintendent of Grounds and Buildings conducts the improvements upon the campus, in accordance with plans prepared by Mr. Ernest W. Bowditch, of Boston.

The Athletic Field covers fifteen acres. It contains base-ball and foot-ball grounds with grand-stand, tennis courts, and ample space for general field sports.

West College. This building was erected in 1827. It contains two lecture rooms, the museum of Natural History, the laboratory of Geology and Natural History, and accommodations for seventy students.

Alumni Hall. This building was erected in 1860 by the Alumni and friends of the University. It is known in the University records as the Hall of Alumni and Friends, and contains the college chapel, six lecture rooms, and a large public hall.

The Chemical Laboratory was the joint gift of the late President Dodge, the late Col. Morgan L. Smith, of Newark, N. J., Mr. Thomson Kingsford, of Oswego, and the late Mr. Samuel Colgate, of New York. It was built in 1884, and affords accommodations for the Department of Physics as well as that of Chemistry. On the ground floor are two large lecture rooms, well lighted and furnished with necessary apparatus for illustration and experiment. On the second floor are the labora-

tory work rooms, which afford opportunity for an extended course in Analytical Chemistry, both qualitative and quantitative. The laboratory has been recently repaired and improved, and desks are now provided for thirty-five students.

The Colgate Library. This structure was erected and furnished at a cost of $150,000, and was the gift of Mr. James B. Colgate. It is fire-proof, and in the completeness of its facilities embraces the best results of the large experience of Mr. Melvil Dewey, Director of the New York State Library. It contains, besides the offices and work room of the library, two large stack rooms with a capacity sufficient for the growing needs of the University, a spacious reading and consulting room, three seminary rooms, rooms for the Baptist Historical Collection, rooms for the use of the Boards of Trustees, and the Office of the President.

The Gymnasium was built in 1893. The first floor contains the main hall, sixty-two by fifty feet, with an elliptical running track suspended from the truss roof, and is amply lighted by a large skylight in the center of the roof in addition to the windows at the sides. The Director's offices, the sparring, fencing, and bicycle rooms and batting cage are also on this floor. On the ground floor is the locker room, containing accommodations for four hundred students. Adjoining this on one side are tile-lined bath rooms, and a swimming tank fifteen by forty feet; and on the other side, a well-equipped bowling alley. On the floor above the main hall are trophy and lecture rooms, and also a visitors' gallery overlooking the exercise room and running track. The building is thoroughly equipped with the most approved apparatus.

THE LIBRARY

The Library is intended to meet the needs of all departments of the University. It already contains about twenty-five thousand volumes, and is enlarged every year by the expenditure of the income of a library fund of $25,000. In the Library are included the following special collections:

(1) The President Dodge gift of more than three thousand five hundred volumes, including an extensive and well selected

collection of works on Christian archæology and art; (2) the Hon. Isaac Davis section, consisting of works on Baptism and works by Baptist authors, annually increased by the income of the fund bequeathed; (3) the William Ward Memorial Collection, consisting of encyclopædias and other works of reference, annually enlarged by the income of a fund given by the late William Bucknell, in memory of the Rev. William Ward, D. D., class of 1848; (4) the collection which once formed the library of the American and Foreign Bible Society.

The Baptist Historical Collection, the gift of the late Mr. Samuel Colgate, numbering already about thirty-five thousand pamphlets and bound volumes, constitutes a library in itself. It has been carefully catalogued and arranged in the rooms designed for it in Colgate Library. It consists of annual reports, catalogues, historical addresses and sermons, and historical sketches of local churches, besides many valuable books relating to Baptist history. No pains or expense was spared by Mr. Colgate to make this collection as complete as possible; and generous provision was made by him for its maintenance and enlargement. An explanatory pamphlet will be sent on application to the Librarian.

Students have direct and personal access to a collection of two thousand volumes or more, placed in the reading room. These volumes are changed more or less every term to meet the varying needs of the different departments. Other books may be drawn in accordance with customary library regulations. Students of all departments are encouraged to ask for assistance in their work, and to use the reading and seminary rooms for purposes of special investigation.

COLLECTIONS

The Museum of Geology and Natural History contains the following collections:

The Douglass Herbarium, presented by Dr. J. S. Douglass, filling thirty-three volumes, and illustrating the flora of the northern United States.

The zoölogical collections, including alcoholic specimens, chiefly collected by the late Professor W. R. Brooks; the con-

chological collection, consisting largely of tropical species; an excellent display of corals; and a very large and valuable collection of the birds of Europe, the East Indies, and North America, secured for the University by Professor A. S. Bickmore, of New York.

The geological material is arranged in several departments, as follows:

Historical.—An extended series of fossils, illustrating the succession of life in geological time. This collection was purchased for the University by Mr. James B. Colgate, and includes many of Ward's casts of extinct vertebrates.

Systematic.—Affording facilities for comparing the fossil with the existing forms of the several zoölogical groups. This collection has recently been enriched by the addition of a series of Silurian and Devonian corals, from Michigan and Canada.

Dynamical.—Here are found a suite of typical lavas and other volcanic products from many parts of the world; a model of Mount Vesuvius and its environs, and a variety of specimens illustrative of sedimentation, weathering, seashore action, metamorphism, folding, jointing, veins, dikes, and other structures, glacial action, the work of underground water, and the geological effects of organisms.

Lithological.—A typical display of rock-forming minerals and the common rocks resulting from their combination, sedimentary, metamorphic, and igneous.

Economic.—This collection was begun by the acquirement of representative building stones of New York and New England. Large additions have recently been made, embracing a wide range of geological materials used in the arts. These additions include several hundred specimens from Colorado, collected at the principal mining camps and from firms in Denver. A highly valuable collection was also secured at the close of the Columbian Exposition, including native gold, silver, copper, ores of gold, silver, platinum, iron, tin, copper, zinc, and nickel; fuels, building and ornamental stones, pigments, fire and plastic clays, asbestos, phosphates, road materials, and miscellaneous minerals from all sections of the United States and the British provinces,

embracing a rich collection from the resources of New South Wales.

Mr. T. J. Welch, of Oil City, Penn., has presented to the University a very complete and valuable collection illustrative of the petroleum industry. It includes nearly two hundred samples of crude oil, a variety of refined products, with models of plants and apparatus.

The lecture room and laboratory are provided with maps, Zittel's and other charts, models, oxyhydrogen lantern, a large variety of slides and photographs, and a lithological lathe. There is also a valuable and very complete outfit of microscopic and other apparatus for biological study, which was donated as a class memorial by the Class of 1889 of this University.

ENDOWMENT

Prior to the Commencement of 1891 the University possessed, in addition to its grounds and buildings, an endowment of about five hundred thousand dollars. This endowment was the aggregate of gifts large and small from friends and alumni of the University during its growth.

During the commencement of 1891 Mr. James B. Colgate, of Yonkers, N. Y., announced that he had placed in the hands of three trustees one million of dollars of interest-bearing securities, which he presented to the University upon certain conditions.

The fund thus established is known as the Dodge Memorial Fund, in memory of Dr. Ebenezer Dodge, the fourth President of the University. One-half the income from this gift is applicable to the current expenses of the University, the other half is for the time being added to the principal sum. It was the intention of the donor to make a reasonably secure provision for the maintenance and general development of the University, and thus encourage other friends of the institution to provide for its enlargement along lines in which they might have a special interest.

EXPENSES

The necessary expenses of a student in Hamilton are moderate. Tuition is fixed at a price much lower than that of most eastern institutions, while the dormitories furnish comfortable

rooms at a price merely nominal. Moreover, to worthy and capable students, aid is furnished by the Baptist Education Society of the State of New York, and numerous scholarships and premiums are provided by the University. It is intended, so far as possible, that no diligent, worthy student shall leave the institution for lack of means. The friends of the institution have made noble provision for this purpose, but the increase in the number of students and the extension of the usefulness of the University, make imperative the need of further provision in aid of promising students. It is hoped that those interested in higher education will be inclined to establish many other general scholarships, applicable at the discretion of the University to the assistance of worthy and capable young men.

The following list includes most of the necessary expenses: matriculation fee, $5.00; tuition, $20.00 a term; room rent, $3.50 or $5.00 a term, according to the location of the room; to a student rooming alone, the rent is $7.00 or $10.00.

An additional fee of $10.00 a term is paid by those students who take Analytical Chemistry. This sum is intended to cover the expense of chemicals, gas, and the use of general laboratory apparatus. A deposit of $5.00 is required of all students in Analytical Chemistry, to cover breakage. Any balance left at the end of the course is returned.

A laboratory fee of $2.00 or $3.00 a term is also paid by students in Zoölogy, Botany, and Palæontology, and of $3.00 by those working in the Department of Physics. A gymnasium fee of $1.00 a term is required of the two lower classes, and of all other members of the University making regular use of the gymnasium.

The above expenses are payable each term in advance. No deduction is made on account of absence, unless the student enter a lower class.

The fee for each degree in course, including diploma, is now $5.00, payable in advance: to those who shall have paid the matriculation fee no charge will be made.

Board is obtained in clubs at an average cost of $2.25 a week. In private families it varies from $2.50 to $3.50. The cost of board and room in private houses is from $3.50 to $4.50 a week.

Students in the college dormitories furnish their own rooms. The care of the rooms is in part committed to the janitor.

UNIVERSITY SCHOLARSHIPS

The University has at its disposal the following scholarships;

THE TREVOR SCHOLARSHIPS. A fund of $40,000 was given by the late John B. Trevor, of New York, to establish forty scholarships—twenty yielding $90 a year and twenty yielding $30 a year each—for the benefit of those who have served in the army or navy of the United States. "Soldiers, or their orphan sons, or sons not orphans, or those dependent on soldiers for support—and in this order of preference—shall have the benefit of these scholarships."

THE GANO SCHOLARSHIP, of $90, established by Mrs. Eliza Rogers, of Providence, R. I.

THE ELEANOR F. DODGE SCHOLARSHIP, of $60, established by Mrs. E. F. Dodge, of Providence, R. I.

THE EDWARDS SCHOLARSHIP, of $72, established by Hervey Edwards, of Fayetteville, N. Y.

THE VAN ANTWERP SCHOLARSHIP, of $60, established by William M. Van Antwerp, of Albany, N. Y.

THE PALMER SCHOLARSHIP, of $60, established by Nelson Palmer, of Athens, N. Y., class of 1849.

THE COOLIDGE SCHOLARSHIP, of $54, established by William Coolidge, of Madison, N. Y.

THE PHILLIPS SCHOLARSHIP, of $30, established by Thomas Phillips, of New York.

THE CRISSEY SCHOLARSHIP, of $30, established by Benjamin Crissey, of New York.

THE JEFFERSON TILLINGHAST SCHOLARSHIP, of $30, established by Jefferson Tillinghast, of Newport, N. Y.

THE PEDDIE SCHOLARSHIPS, established by Thomas B. Peddie, of Newark, N. J.

THE INGALLS SCHOLARSHIPS, two of $30 each, established by Mr. and Mrs. David W. Ingalls, of Hamilton, N. Y.

THE BENJAMIN F. TILLINGHAST SCHOLARSHIP, of $50, established by Benjamin F. Tillinghast, of Cortland, N. Y.

The Cynthia Burchard Andrews Scholarship, of $60, established by the late Mrs. Cynthia Burchard Andrews, of Hamilton, N. Y.

The President's Scholarships, ten of $39 each, designed for young men of character and capacity not preparing for the Christian ministry.

Written application should be made to the President of the University, giving name, age, residence, purpose in study, and means of support. Those who apply for one of the Trevor Scholarships should also state the military service on account of which the scholarship is asked.

THE EDUCATION SOCIETY

Students for the ministry, of suitable character and talents, may receive aid from the Baptist Education Society of the State of New York. The amount furnished varies somewhat according to the needs of the student and his position in the course of study. In addition to the regular contributions made to the society for this purpose, it also has control of a number of scholarships, the income of which is to be expended in the education of young men for the Christian ministry.

All communications with reference to the amount and conditions of help for ministerial students should be addressed to the Corresponding Secretary of the Education Society, H. S. Loyd, D. D., Hamilton.

RELIGIOUS SOCIETIES

The College Young Men's Christian Association is a large and vigorous organization, devoted to the sustaining and extension of religious life among the students. It sustains weekly meetings, Bible classes, and a workers' training class. At intervals through the year, public addresses of interest and value are delivered under the auspices of the association.

The Volunteer Band sustains a weekly missionary prayer meeting, and a monthly public meeting, at which papers are presented on subjects connected with missionary work. The society conducts correspondence with missionaries in the foreign field, and addresses are delivered before it by returned missionaries on practical topics connected with their experience and work.

PRIZES

THE DODGE ENTRANCE PRIZES

Four prizes were established by the late President Dodge, for students entering the Freshman Class of the Classical Course, to be awarded as follows:

To the three students from Colgate Academy whose standing during the Senior Year of the academic course shall be the highest will be awarded a first prize of $30, a second prize of $24, and a third prize of $18, to be paid at the opening of the Freshman Year.

A fourth Dodge Prize of $18 may be competed for by students entering from other preparatory schools, and also by such members of the senior academic class as entered the class during the year. The examination must be passed before the Saturday of the opening week. The officers hearing the Freshman Class are the committee of examination and award.

THE KINGSFORD DECLAMATION PRIZES

These prizes were established by Mr. Thomson Kingsford, of Oswego, N. Y. Twelve speakers from the Freshman, Sophomore, and Junior Classes, four from each class, are appointed upon the basis of their record for the year in public speaking. Two competitors in each class receive prizes, a first and a second, consisting of books.

THE BALDWIN GREEK PRIZES

These prizes have been established for the Sophomore Class by Hon. D. P. Baldwin, LL. D., Class of 1856, Logansport, Ind. The examination, from printed papers, is exclusively in writing, and is upon some author, or work of an author, read by the class in the Spring Term of the Sophomore Year. It embraces both grammar and subject matter, with exercises in prose composition. There is a first prize of $18, and a second prize of $12. No student can compete unless his standing in all departments averages at least 8. The award is made by a committee not

connected with the University. The examination for the present year will occur May 28, 1898. The subject is the Hippolytus of Euripides.

THE SOPHOMORE LATIN PRIZES

The examination is in writing on some author, or work of an author, read during the Winter Term of the Sophomore Year. It includes, however, more than is required of the class, and embraces translation, grammar, and subject matter. There is a first prize of $25, and a second prize of $15. No student is allowed to compete unless his average standing in all departments is at least 8. The award is made by some scholar not connected with the University. The next examination will be held April 9th, 1898.

THE OSBORN MATHEMATICAL PRIZES

These prizes, established in honor of the late Professor L. M. Osborn, have been provided for the Junior Class by ten of the Alumni and friends of the University. The examination, which is exclusively in writing, is on the subjects of Analytic Geometry and the Calculus. The prizes, three in number, a first prize of $25, a second prize of $20, a third prize of $15, are awarded by some scholar not connected with the University. No student is allowed to compete for these prizes whose standing in this or whose average standing in the other departments, falls below 8. For the present college year the examination will occur April 9th, 1898.

THE ALLEN ESSAY PRIZES

Two prizes of $17 and $13 respectively, established by George K. Allen, D. D., Class of 1870, are awarded on Commencement Day to two members of the Junior Class, for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen:

1. Shall we annex Hawaii?
2. Sea Power in American History.
3. The Descriptive Element in Hawthorne's novels.

THE LASHER ESSAY PRIZES

Two prizes, of $17 and $13 respectively, established by

George W. Lasher, D. D., Class of 1857, are awarded on Commencement Day to two members of the Junior Class for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen:

1. The Mission of the Mugwump.
2. The New Sectionalism—East and West.
3. The Arthurian Legends in Victorian Poetry.

The following regulations apply to both the Allen and Lasher Prize Essays.

1. Each prize essay must contain not more than fifteen hundred words, and must be so written that the manuscript will show broad margins, and be suitable for binding; it must be signed with a fictitious name; and this fictitious name must be subscribed in the sealed note containing the writer's real name.

2. Before the day appointed for receiving the prize essays, each competitor must register his name with the Professor of Rhetoric.

3. The essays which receive awards will remain in the possession of the Librarian.

THE LAWRENCE CHEMICAL PRIZES

Two prizes, of $25 and $15 respectively, maintained by Mr. G. O. C. Lawrence, of Buenos Ayres, S. A., are awarded on Commencement Day, for excellence in Analytical Chemistry. The examination, which is exclusively in writing, is upon the subjects of General and Analytical Chemistry, as given in courses 1–5. Any student in this department who is a candidate for a degree, may compete for these prizes, provided his work in all other departments is satisfactory, and his average standing in this department is not below 8. The next examination will occur June 2d, 1897.

THE JUNIOR HISTORICAL ORATION PRIZES

Two prizes, of $60 and $40 respectively, maintained by Edward M. Grout, Esq., Class of 1884, are awarded to members of the Junior Class for excellence in oratory. These prizes are governed by the following regulations:

1. Any member of the Junior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration must be on some historical subject of the nineteenth century.

3. The oration presented must contain not more than two thousand words, and, in general, is subject to the regulations for prize composition.

4. From the whole number of orations presented, six shall be selected for public delivery.

5. The public contest shall be held on the Friday evening preceding the close of the Winter Term.

6. The prizes shall be awarded for excellence of thought and composition, and for practical effectiveness rather than technical excellence of delivery.

THE EUGENE A. ROWLAND ORATORICAL PRIZE

One prize of $50.00, maintained by Eugene A. Rowland, Esq., Class of 1884, is awarded for excellence in Public Speaking, to a member of the Senior Class. The regulations of the competition are as follows:

1. Any member of the Senior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration. The oration must be presented to the Professor of Public Speaking not later than twelve o'clock (noon) of the First Friday of the Winter Term.

2. The theme of the oration must be taken from the History of the Progress and Development of the American People, and must be either biographical, critical, or sociological, in its character.

3. Before the day appointed for receiving the orations, each competitor must register his name with the Professor of Public Speaking. The oration presented must contain not more than eighteen hundred words; it must be signed with a fictitious name; and this fictitious name must be subscribed on the sealed note containing the writer's real name.

4. All the orations presented at the specified time shall be referred to a committee of three members, to be appointed by the

Professor of Public Speaking in consultation with the President of the University; and from the whole number of orations thus referred, six shall be selected by the Committee for public delivery. The decision of this Committee shall be announced not later than the second Friday of the Winter Term.

5. The public contest shall be held on the second Friday evening in February; the order in which the contestants shall speak shall be determined by lot; the prize shall be awarded on the ground of merit and excellence, both in composition and delivery; the Committee of Award shall consist of three persons, appointed by the Professor of Public Speaking, in consultation with the President of the University.

6. For preservation and reference, each contestant shall file with the Librarian of the University, not later than the day of the contest, a copy of his oration in suitable form for binding.

THE CLASS OF 1884 DEBATE PRIZES

The Class of 1884 has established a fund whose annual interest will maintain a public prize debate, to be held during Commencement week. The prizes are $40 and $20.

The regulations governing the Class of 1884 Debate Prizes are as follows:

Competition for the Class of 1884 Debate Prizes shall be open to all members of the graduating class who have elected debates throughout the Senior Year. These prizes shall be awarded on the following conditions:

1. In connection with the work in debate, there shall be held each year a preliminary debate for the selection of speakers for the prize debate.

2. Any member of the graduating class whose work in debate during the year shall be deemed worthy of such recognition may be designated as a candidate for the preliminary debate.

3. From the candidates at the preliminary debate, six speakers shall be chosen to be the competitors in the prize debate.

4. At the prize debate, two speakers shall receive awards.

5. The prizes shall be conferred on Commencement Day.

THE LEWIS COMMENCEMENT ORATION PRIZE

This prize was established in memory of Mr. George W. M. Lewis, of Utica, N. Y., by the late Professor John James Lewis, LL. D. On Commencement Day of each year the sum of $60 will be awarded to that member of the graduating class who excels in the composition and delivery of an original oration.

Regulations of the Competition for the George W. M. Lewis Commencement Prize:

1. Every candidate for a degree, who shall be appointed to speak at Commencement, may compete for this prize.

2. Eight minutes shall be the limit of time for the delivery of each oration.

3. The committee of award shall consist of five persons not esidents of Hamilton.

4. The sum of $60 shall be awarded, without division, to one orator before the close of the Commencement exercises.

THE GYMNASIUM.

REGULATIONS

No student shall be allowed to make up a term's work in any department by examination, without attendance at recitations, unless special permission be given by the Faculty. As a general rule, such permission will not be granted unless the student maintains high rank in all departments.

No student, except by special vote of the Faculty, shall be advanced from any class to the next higher unless he have an average standing of at least six (6) on the scale of ten (10) in each department of study, and an average of not less than seven (7) during the year in all departments taken together.

Unless a student shall have been advanced from one class to another before the printing of the current catalogue, his name shall not be advanced in the catalogue except by special vote of the Faculty.

No student is expected to be absent from any college exercise except in cases of necessity. In order, however, to provide for necessary absences of students, a certain number of absences will be allowed in each subject in accordance with the following regulations:

1. No student shall be allowed to absent himself from more than one-tenth of the whole number of exercises in any course during one term.

2. Any student desiring to be excused from reciting in any exercise shall be considered absent.

3. No absence in excess of the number allowed shall be excused for any cause whatever.

4. Any student exceeding his allowed number of absences shall be required to pass all reviews and term examinations, and shall afterwards be required to pass a special examination before the first Saturday night of the following term. Failing to pass the said examination, the student may, in the discretion of the officer, be permitted a second trial, failing in which, he shall be required to take the subject again in the class room.

5. Students are allowed the same proportion of absences from chapel as from other exercises.

6. Excess of absences from recitations or from chapel exercises may become a subject for discipline.

The members of the Sophomore, Junior, and Senior Classes shall be required to make their elections before six o'clock P. M. of the second day of each term.

No student shall be admitted to recitations until his list of studies for the term has been completed and his card signed by the Registrar.

Elective studies, when thus registered, may be changed only by consent of the Faculty.

No student who is delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year shall be eligible to any college appointment as a speaker.

If the scholarship or personal conduct of any student be such that it does not appear to be for the interest of the institution, or for his own interest, to continue him in college, the Faculty may inform his parent or guardian that the continuance of such student in college will be inexpedient, and may dismiss him without public censure or disgrace.

No student who is deficient in his college work shall be eligible to active participation in conduct and management of student organizations. By active participation in conduct and management is understood the holding of office as manager or director in any such organization, membership in any university exhibiting organization, contesting athletic team, or publishing board.

No student shall be eligible to active participation in the conduct and management of more than two such organizations during the same term.

Any club, association, or team of students proposing to give one or more exhibitions or entertainments, before making any contracts or engagements, must present their plans to a standing committee of the Faculty, who will be ready to confer with the manager and another representative of the club or association; and no engagements shall be made without the approval of this committee.

The accounts of all student organizations shall be submitted

by the treasurer of such organization before the last Wednesday of each term to an auditing committee, appointed by the faculty.

Exceptions to the above regulations can be allowed only by special permission of the Faculty.

Except by special vote of the Faculty, entrance conditions shall not make a student ineligible to active participation in the conduct and management of student organizations until after January 1st next following the entrance of such student into college.

Only those students who are candidates for a degree can comcompete for prizes or other college honors.

No student shall be recognized as a contestant directly or indirectly for any prize or appointment unless he shall be maintaining standing in all his studies at the time of such recognition, and shall have passed all examinations prior to the term in which such recognition is made. No credit in class standing is given for prize work.

No student who has exceeded the allowed number of absences during the term of competition shall be recognized as a competitor for any prize.

An oration for graduation is due on the sixth Thursday before Commencement from every member of the Senior class who is a candidate for a degree.

Any Senior who shall not present his oration by the time specified will be debarred from all recitations until the oration is presented.

The Commencement speakers shall be chosen from those who present orations at the specified time, and who are not delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year. The merit of the orations, to be determined by a committee of the Faculty, shall be taken into account in choosing the speakers.

If any member of the Senior class shall be delinquent in his work after ten o'clock P. M. of the Saturday before Commencement, he shall not be recommended for a degree before the expiration of one year.

Students pursuing a special course may, upon application to

the President, receive a certificate stating the courses which they have successfully completed.

No degree can be conferred or certificate given unless the applicant shall have sustained a good moral character, settled all college bills, and returned all books and paid all fines to the library.

If a student shall marry during his course of study, he thereby dissolves his connection with the University. The question of readmission is subject to the discretion of the Faculty, but in no case shall he be allowed to reenter his class.

The Registrar is authorized, if requested in writing so to do by the parent or guardian of any student, to send regularly term by term the average grade of such student in each subject, together with the hours per week, as soon as possible after the close of the term. He may also, upon request, give to a student, or to his parent or guardian, his grade in any subject; and also his average grade for any specified term or year. The grades are to be indicated as follows: Grade A, 9 and upward on the scale of 10; Grade B, 8–9; Grade C, 7–8; Grade D, 6–7. F indicates failure.

For special information regarding diligence and deportment, application may be made to the President.

STUDENTS

GRADUATE STUDENTS

John Wellington Finch, A. B. Geology, Physics, and Biology	*Earlville*
William Baxter Kelsey, Ph. B. English Literature and Moral Philosophy	*Brooklyn*
Dill Bronson Smith, A. B. Greek and English Literature	*Hamilton*
James Olin Turner, A. B. English Literature and History	*Hamilton*

SENIOR CLASS

Ulysses Fayette Axtell	I	*Barbourville*
Irving Bacon	III	*El Cajon, Cal.*
Franklin Luther Barker	I	*Homer*
William Wallace Barker	I	*Fredonia*
Theodore French Brookins	III	*Norwich*
Joseph Finton Bullock	III	*Crosby*
John Gooding Carpenter	II	*Westport*
Stephen Early	I	*Owatonna, Minn.*
Frederick Valentine Emerson	I	*Tillottson, Pa.*
Fred Pratt Ernsberger	III	*Auburn*
Hiram Loren Fassett	I	*Scottsville, Pa.*
Spencer James Ford	II	*Camden*
Howard Marvin Gaylord	II	*Bristol, Conn,*
William Walter Grant	I	*Delhi*
Asa Zadel Hall	I	*Hamilton*
Harry Herbert Hays	III	*Dundee*
Frederick Charles Hicks	II	*Auburn*
Stephen Sanborn Huse, Jr.	I	*Newton Junction, N.H.*

Mathew Francis Hyland	II	*Hamilton*
Frederick Bird Jones	I	*Auburn*
Edgar Alexander Lewis	II	*Belleville*
Clayton Gaston Mabey	III	*Fleming*
Ernest Arthur Prentice	I	*Little Falls*
Edwin Merrill Randolph	I	*St. Louis, Mo.*
Alpheus Bruce Reynolds	I	*Victory*
Charles Hatch Sears	I	*Fabius*
Harry Meeker Sheldon	II	*Westport*
Edwards Hargrave Smith	II	*Omaha, Neb.*
Lawrence Bradley Stevens	I	*Greenville, Ill.*
John Moore Stiles	I	*Deposit*
Merton Ernest Stubbs	II	*Colorado Springs, Col.*
Jeremiah McKay Thompson	II	*Dundee*
Fred William Tomlinson	I	*Wales Centre*

JUNIOR CLASS

Thomas Allen	I	*Belchertown, Mass.*
Louis Edmund Bird	II	*Victory*
Ralph Potter Bliss	II	*Auburn*
Lester Wells Boardman	I	*Newport, R. I.*
William Wallace Bullock	II	*Crosby*
Arthur Cowin Cady	I	*Rozetta, Ill.*
John Daboll Webster Chester	I	*Noank, Conn.*
Frank Ferris Dunham	I	*Owego*
George Everett Eldred	II	*Hamilton*
Nat Frame	I	*Belleville*
Berton Anson Garrett	II	*Ballston Spa*
Stephen Holden, Jr.	I	*Sherburne*
Frank Alvord Jennings	II	*Auburn*
Francis Ulysses Kohler	I	*Fairport*
Elbert Hilles Loyd	II	*Gloversville*
Walter Clark Mason	I	*Tura, Assam*

Fred John Nevinger	III	*Johnsonburg*
Merrill Joseph Ober	III	*Sandy Hill*
Charles Herbert Oliver	I	*Buffalo*
Homer Lockwood Post	I	*Owasco Lake*
Cornelius Edward Schaible	I	*Brooklyn*
George William Strobel	II	*Ohio*
Stuart Root Treat	II	*Auburn*
Charles Earl Walters	II	*Beaver Dam, Wis.*
Seymour Bennett Weller	II	*Montour Falls*

SOPHOMORE CLASS

Oswald Theodore Avery	I	*New York*
George Lionel Bennett	I	*Clayton*
Thomas Edward Boswell	I	*Shelbyville, Ky.*
Henry Eltinge Breed	III	*Cornwall*
Aretus P Burroughs	III	*New Albion*
Robert W Burroughs	I	*New Albion*
Daniel Webster Chester	II	*Noank, Conn.*
Walter Concemore Cramp	I	*Oneida*
William Mason Denison	I	*Montrose, Pa.*
Emry Jay Dunklee	I	*Wyalusing, Pa.*
Leland Delos Fosbury	I	*Sidney*
Harry Emerson Fosdick	I	*Buffalo*
Harry Schuyler Foster	II	*Sing Sing*
Herbert Ernest Hatchman	I	*West Troy*
Charles Henry Herrick	II	*Canton*
James David Howlett	I	*Lewiston, Me.*
William Henry Jones	I	*Chicago, Ill.*
Edward David Mitchell	I	*Philadelphia, Pa.*
William More Parke	I	*Gloversville*
Frederick Charles Parker	I	*New York*
William Lord Root	III	*Hamilton*
Frank Shields Ruland	I	*Sidney*

Obadiah Martin Ruland	I	*Sidney*
Judson Smith Rumsey	I	*Cattaraugus*
John Manville Sayles	I	*Mexico*
Lewis Jerome Smith	III	*Sandy Hill*
Philip Tompkins Smith	II	*Hamilton*
Frank Seymour Squyer	I	*Auburn*
Clyde Herwood Sunderland	II	*Oakland, Cal.*
William Thayer Tower	I	*Cortland*
Harold Orville Whitnall	III	*Syracuse*

FRESHMAN CLASS

Charles Walter Bates	I	*Hamilton*
Walter Scott Bennett	II	*Kingston*
Everett Harlow Bowen	I	*Lowville*
George LeRoy Buck	II	*Sugar Hill*
Frank Pores Bussell	I	*Sparland, Ill.*
Claude Milton Chester	III	*New London, Conn.*
George Calvin Dapson	I	*Oneida*
Andrew Gordon Dye	II	*Waldo, Wis.*
Walter Dalton Estes	I	*Hamilton*
Arthur J Evans	I	*Elton*
Herbert Francis Evans	II	*Highland Park, Ill.*
John Garvin Foote	II	*Belvidere, Ill.*
Frederic Reynolds Ford	III	*Elmira*
Nelson Lewis Greene	I	*Hamilton*
Ernest Arthur Hall	I	*Euclid*
Jonathan Holden	I	*Sherburne*
Lewis Patton Hornberger	III	*Philadelphia, Pa.*
Charles Abel Howland	II	*Blackinton, Mass.*
Forest Preston Hunter	I	*Kenmore*
Burdett Johnson	I	*Hamilton*
Sherman Jones	I	*Hamilton*
Harris Ward Lewis	I	*Norwich*

Michael John Linden	I	*Chicago, Ill.*
Herbert Wheeler Marean	I	*Brookland, D. C.*
Claudius Andrew Marsh	I	*North Brookfield*
George Sauter Meidt	II	*New York*
Emmett Carpenter Miller	I	*Horseheads*
Charles Lewis Owens	I	*Meriden, Conn.*
Edward Albert Parker	II	*Springfield, Mass.*
Charles Belding Phipps	III	*East Rockaway, L. I.*
Henry Hyde Pratt	III	*Hamilton*
Jarvis Root	II	*Hamilton*
Norman Felt Shelton Russell	I	*Hamilton*
Horace W B Smith	I	*Phœnix*
Harry Bryan Stover	III	*Sandy Hill*
Earl Vincent Sweet	I	*Phœnix*
Thomas Longland Thompson	I	*Alpena, Mich.*
Leon Masters Waite	I	*Belleville*
Henry Russell Westcott, Jr.	I	*Albany*
John Ambler Williams	II	*Brooklyn*
Albert Lincoln Wyman	I	*Fall River, Mass.*
George Henry Young	I	*Redworth, Eng.*

SPECIAL STUDENTS

Delos Elbert Abrams	*Madison*
John Atanasoff	*Omarchovo, Bulgaria*
Frederick Wallace Blakeslee	*Bridgeport, Conn.*
Bert Arthur Cook	*Minneapolis, Minn.*
Benjamin Calvin Harvey	*Burden*
Harry Shreve Higgins	*Bordentown, N. J.*
Burritt Byron Johnson	*Camden*
Duncan Martin Luther McPhail	*Waltham, Mass.*
John Mooshie	*Urmia, Persia*
George Henry Smith	*Hamilton*
Fred Curtis Whitfield	*Oneida*

SUMMARY

Graduate Students,	4
Seniors,	33
Juniors,	25
Sophomores,	31
Freshmen,	42
Special Students,	11
Total,	146

COMMENCEMENT WEEK

JUNE 13–17, 1897

SUNDAY

10:30 A. M. Baccalaureate Sermon by Professor Sylvester Burnham, D. D.

7:30 P. M. Sermon before the Theological Seminary, by Rev. George M. Stone, D. D., of Hartford, Conn.

MONDAY

3:00 P. M. Kingsford Prize Declamations

8:00 P. M. Concert of Glee, Banjo, and Mandolin Clubs

TUESDAY

10:30 A. M. Graduating Exercises of the Colgate Academy

3:00 P. M. Class of 1884 Prize Debate

4:30 P. M. Business Meeting of the Phi Beta Kappa

7:30 P. M. Eightieth Anniversary of the Baptist Education Society of the State of New York. Address in memory of Samuel Colgate, thirty-seven years President of the Society; by Rev. Edward Judson, D. D., of New York. Annual Address by Rev. Cornelius Wœlfkin, of Brooklyn

WEDNESDAY

10:30 A. M. Seventy-seventh Anniversary of the Theological Seminary. Address to the class by Dr. Berry

2:30 P. M. Unveiling of tablet erected by the Class of 1894 in memory of students of the University who fell in the Civil War. Historical Sketch by Professor Andrews. Address by Major General O. O. Howard

7:30 P. M. Meeting of the Alumni Association

8:30 P. M. University Reception in the Gymnasium

THURSDAY

10:00 A. M. University Commencement

1:00 P. M. Alumni Dinner

COMMENCEMENT EXERCISES

THURSDAY, JUNE 17, 1897

INVOCATION

MUSIC

Oration, - - The Permanence of American Republicanism
L J Caldwell

Oration, - - - - - - Robert E. Lee
Nelson Leonard Coleman

*Oration, - - - - - - Thomas H. Benton
Francis Wayland Goddard

Oration, - - - - Loyalty, False and True
Henry David Gray

MUSIC

Oration, - - - Bismarck, the Founder of German Unity
Glen Arnold Grove

Oration, - - - The Eloquence of Lord Chatham
Edgar Shugert Ingraham

Oration, - - American Freedom and the Public School
Charles Darwin Kingsley

Oration, - - - - The Modern Pirate
Ernest Neal Lyon

MUSIC

Oration, - - - - A Revival of the Puritan Spirit
Charles Elmendorf Mills

Oration, - - - - The Advance of the Muscovite
Robert Gillin Seymour, Jr.

Oration, - - - - . The New Japan
Kendall Proctor Smith

Oration, - - - - - Restricted Immigration
Howell Roland Wood

MUSIC

CONFERRING OF AWARDS AND DEGREES

BENEDICTION

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* Excused

HONORS

DEGREES

Conferred June 17, 1897

A. B.

Edward Barton Beardslee
Charles Whitman Briggs
John Wellington Finch
Francis Wayland Goddard
William Guillan
Lamont Foster Hodge
Edgar Shugert Ingraham
Ernest Neal Lyon
Robert Gillin Seymour, Jr.
Kendall Proctor Smith
Joshua Gregory Boomhower
Nelson Leonard Coleman
Warwick Stephen Ford
Glen Arnold Grove
Arthur John Haggett
Edgar Rhuel Hyde
Zalmon Chase LaRiew
Charles Elmendorf Mills
Dill Bronson Smith
Edwin Cyrus Tanner
Cyrus George Wilson

B. S.

Clarence Darwin Kingsley
Raymond Parsons Roberts
Howell Roland Wood

Ph. B.

L J Caldwell
Henry David Gray
John Barber Creighton
William Baxter Kelsey
Walter Hammond Wiley

A. M.

Herbert E. Nims, A. B.

B. D.

Erwin Charles Harmon, A. M.
George Albert Briggs, A. B.
Thomas Joseph Bryan, A. B.
Bert Henry Eddy, A. B.
James Romulus Edwards, A. B.
Frank Richard Morris, A. B.

HONORARY

D. D.

Rev. David Benjamin Jutten, A. M., Class of '67, Providence, R. I.
Rev. William Alexander Granger, A. M., Class of '74, Mount Vernon

LL. D.

Hon. James Buchanan, Trenton, N. J.

PRIZES

THE LEWIS COMMENCEMENT ORATION PRIZE

Glen Arnold Grove

Committee of Award:

Rev. A. K. Fuller, Newburgh
James C. Colgate, Esq., New York
Rev. H. H. Peabody, D. D., Rome
Rev. W. B. Wallace, Utica
Rev. Cornelius Wœlfkin, Brooklyn

THE CLARKE ORATION PRIZE

Henry David Gray

Committee of Award:

Professor William R. Terrett, D. D., Hamilton College
George R. Berry, Ph. D., Hamilton
Principal Frank L. Shepardson, A. M., Hamilton

THE JUNIOR ORATION PRIZES

John Gooding Carpenter, First Edwards Hargrave Smith, Second

Committee of Award:

Rev. Dana W. Bigelow, D. D., Utica
Professor W. H. Crawshaw, A. M., Hamilton
Professor E. F. Nichols, Sc. D., Hamilton

THE CLASS OF 1884 DEBATE PRIZES

L J Caldwell, First Howell Roland Wood, Second

Committee of Award:

Rev. Zelotes Grenell, D. D., Chicago, Ill.
Professor Welland Hendrick, Albany
Rev. Walter A. King, Hamilton

THE LAWRENCE CHEMICAL PRIZES

Ernest Arthur Prentice, First Frederick Valentine Emerson, Second

Committee of Award:

Charles S. Merrick, Ph. D., Wilbraham, Mass.

THE LASHER ESSAY PRIZES

Frederick Charles Hicks, First Howard Marvin Gaylord, Second

Committee of Award:

Professor Brainard G. Smith, A. M., Hamilton College
Clinton Scollard, A. M., Clinton

THE ALLEN ESSAY PRIZES

Charles Earl Walters, First — Charles Herbert Oliver, Second

Committee of Award:

Professor Duncan C. Lee, A. M., Cornell University

THE OSBORN MATHEMATICAL PRIZES

Frederick Bird Jones, First — Ernest Arthur Prentice, Second

Edwards Hargrave Smith, Third

Committee of Award:

Professor Elmer H. Loomis, Ph. D., Princeton University

THE SOPHOMORE LATIN PRIZES

Cornelius E. Schaible, First — Charles Earl Walters, Second

Committee of Award:

Professor Frank Smalley, Ph. D., Syracuse University

THE KINGSFORD DECLAMATION PRIZES

CLASS OF 1898

Edwards Hargrave Smith, First — John Gooding Carpenter, Second

CLASS OF 1899

Fred John Nevinger, First — Cornelius Edward Schaible, Second

CLASS OF 1900

James David Howlett, First — Frederick Charles Parker, Second

Committee of Award:

Rev. R. G. Seymour, D. D., Philadelphia, Pa.
Rev. L. M. S. Haynes, D. D., New York
Rev. George M. Stone, D. D., Hartford, Conn.

THE DODGE ENTRANCE PRIZES

CLASS OF 1901

Awarded to students prepared for college at Colgate Academy:

Sherman Jones, First — Walter Dalton Estes, Second

Forest Preston Hunter, Third

Awarded (to each one-half the prize) to students prepared elsewhere than at Colgate Academy:

Everett Harlow Bowen, prepared at Lowville Academy; Frank Pores Bussell, prepared at Wayland Academy, Wis., and Morgan Park Academy, Ill.

PHI BETA KAPPA

The following members of the class of 1897 were admitted to the Phi Beta Kappa Society:

Francis Wayland Goddard — Charles Elmendorf Mills
Edgar Shugert Ingraham — Kendall Proctor Smith

ALUMNI ASSOCIATION

The membership of this Association is composed of graduates from any one of the collegiate or theological courses of study in Colgate University, and of such persons as have received honorary degrees from the University, and who, after application, are elected at the annual meeting. It also includes associate members duly elected at the annual meeting.

OFFICERS FOR 1897–1898

President

Rev. Samuel H. Greene, D. D., '73, Washington, D. C.

Vice Presidents

Rev. A. W. Bourn, '76, Gloversville

Rev. Myron W. Haynes, D. D., '79, Chicago, Ill.

Rev. C. E. Nichols, '82, Cooperstown

Samuel Colgate, Th., '94, New York

Secretary

Charles W. Underhill, Esq., '62, Hamilton

Treasurer

Professor J. M. Taylor, LL. D., '67, Hamilton

Necrologist

Professor John Greene, Ph. D., '73, Hamilton

UNIVERSITY CALENDAR

1897		
Sept.	9,	Opening of Fall Term
Nov.	2,	Election Day, a Holiday
Nov.	25–27,	Thanksgiving Recess
Dec.	17,	Close of Fall Term

VACATION

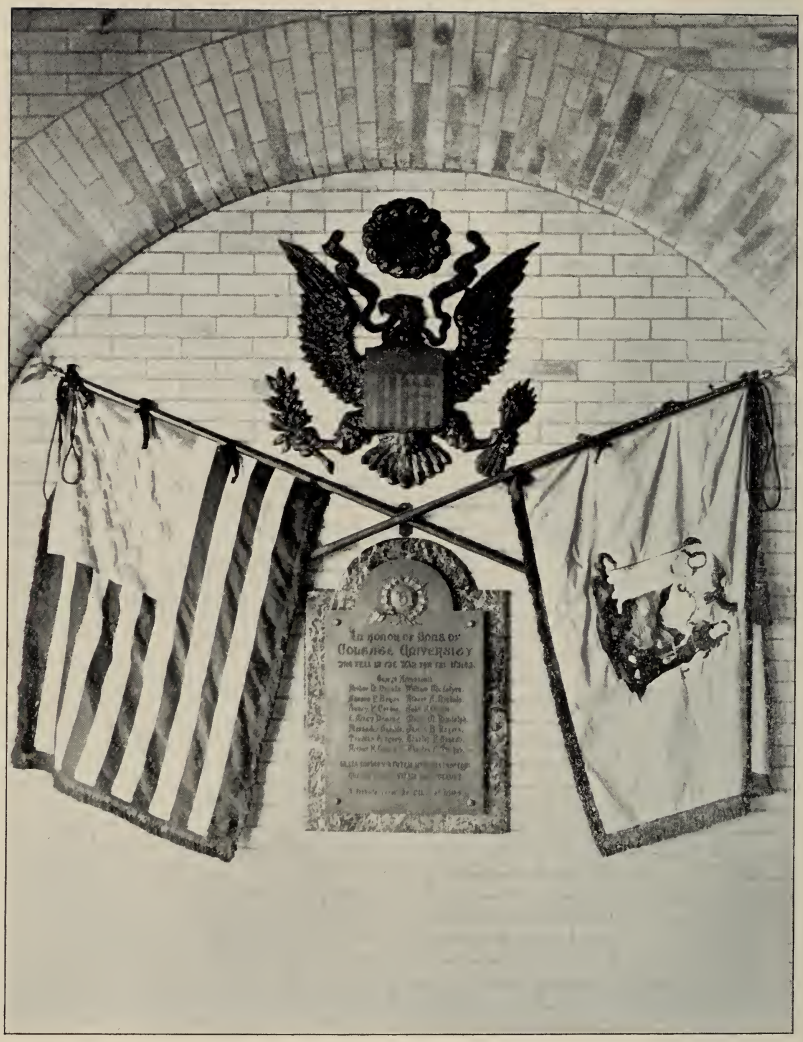
1898		
Jan.	4,	Opening of Winter Term
Jan.	8,	Special Examinations
Jan.	7,	Eugene A. Rowland Prize Orations due
Jan.	22,	Junior Prize Orations due
Jan.	27,	Day of Prayer for Colleges
Feb.	11,	Eugene A. Rowland Oratorical Prize Exhibition
Feb.	22,	Washington's Birthday, a Holiday
Mar.	11,	Junior Oratorical Exhibition
Mar.	18,	Close of Winter Term

VACATION

Mar.	29,	Opening of Spring Term
Apr.	9,	Sophomore Latin Prize Examination
Apr.	9,	Osborn Mathematical Prize Examination
Apr.	9,	Lasher Prize Essays due
Apr.	9,	Allen Prize Essays due
Apr.	15,	Patrons Day
May	5,	Commencement Orations due
May	30,	Memorial Day, a Holiday
May	28,	Baldwin Greek Prize Examination
June	10,	College work closes
June	13–14,	First Entrance Examinations
June	12–16,	Exercises of Commencement

VACATION

Sept.	6–8,	Second Entrance Examinations
Sept.	8,	Opening of Fall Term
Sept.	10,	Special Examinations
Nov.	8,	Election Day, a Holiday
Nov.	24–26,	Thanksgiving Recess
Dec.	23,	Close of Fall Term



THE MEMORIAL TABLET ERECTED BY THE CLASS OF '94, SURMOUNTED BY THE DECORATIONS ADDED BY COLONEL ANDREW COWAN, OF LOUISVILLE, KENTUCKY, THE FIRST STUDENT WHO ENLISTED IN 1861 FROM THIS UNIVERSITY.

COLGATE UNIVERSITY

THE COLLEGE

THE ANNUAL CATALOGUE

1898-1899

HAMILTON, N. Y.
1898

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* Died March 15th, 1898.

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Lecturer on the History of Art

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Principal of Colgate Academy

George Ricker Berry, Ph. D.,
Professor of Semitic Languages

Clement Dexter Child, Ph. D.,
Associate Professor of Physics

FACULTY

*_____ _____

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Assistant Librarian

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Curator of the Baptist Historical Collection

Lant Gilmartin,
Janitor

THE COLGATE LIBRARY.

INSTRUCTION

COURSES

The College provides three distinct and parallel courses of instruction leading to the Bachelor's degrees:

I. The Course in Arts, requiring Latin and Greek for matriculation, and leading to the degree of Bachelor of Arts.

II. The Course in Letters and Philosophy, requiring Latin or Greek, and German or French, for matriculation, and leading to the degree of Bachelor of Philosophy.

III. The Course in Letters and Science, requiring for matriculation certain scientific subjects, together with at least four years study in German, French, and Latin, or in any two of them, and leading to the degree of Bachelor of Science.

Each of these Courses extends over four years, and consists of prescribed and elective studies in language and literature, mathematics, natural science, history and political science, art, and philosophy. Every student is required to have not less than an average of seventeen hours of work per week in each year, except that in the third term of the Senior Year only twelve hours are required. In Courses I and II, all the work of the first four terms is prescribed, and fourteen hours of the fifth and sixth terms. In Course III, all the work of the first two years is prescribed. In the Junior Year, each of the Courses has five hours of prescribed work. All the work of the Senior Year is elective.

The following is a detailed statement of the courses of instruction in the several departments of the College, prepared by the respective officers. The Courses described above are designated throughout by Roman numerals: department courses by Arabic numerals. Unless otherwise stated, each department course occupies one term.

LATIN

The work of this department is intended to enable the student to read Latin with rapidity and accuracy, and to acquire, through the literature as far as possible, definite ideas of Roman life and culture. In the work of the first year, the essentials of syntax are reviewed and illustrated by exercises in prose composition based on Ciceronian Latin. Those who come so well prepared as not especially to need this work will be allowed under proper oversight to substitute extra reading, such as Cicero's Brutus, or De Officiis, or selections from the historians.

In the later courses, careful attention is given to the development of the language and literature, to the debt of the English language to the Latin tongue, and of all modern literatures to its great classics.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Cicero's Cato Major and Laelius. Prose composition and sight reading. *Fall Term, four hours.*

2. Livy. Cicero's Letters. Special attention is given to Cicero's character, and his place in history and literature. *Winter Term, four hours.*

3. The Odes of Horace. The principal metres are carefully studied, and (partly in connection with course 4) the Odes entire are read in the class-room. *Spring Term, four hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. Satires and Epistles of Horace. The portions selected are grouped about significant topics so as to set the character of Horace, his literary canons, and the customs of his time in as vivid a light as possible. Upon these writings as a basis, essays are prepared by members of the class, dealing with interesting topics connected with the life and works of Horace.

Selections from Catullus, or the Elegiac Poets, are also read. *Fall Term, three hours.*

5. Pliny's Letters. Martial (at sight). Upon this work a prize examination is set on the second Saturday of the Spring

Term. Those who enter this contest are excused from the regular final examination. *Winter Term, three hours.*

6. Quintilian. Books X and XII. The sane literary judgments and high ideals of character and culture put forward by the author give a unique value to this course. *Spring Term, three hours.*

7. The Germania and the Agricola of Tacitus. This course will be offered in 1900. *Spring Term, three hours.*

8. Satires of Juvenal. This course will be offered in 1901. *Spring Term, three hours.*

Greek or Mathematics may be substituted for courses 5–8 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

9. Methods of Secondary Instruction in Latin. Attention will be given in lectures and discussions to the merits of rival methods, to the best means of acquiring a vocabulary, of introducing and expounding the more difficult portions of Syntax, and of counteracting the tendency to use improper helps.

There will be practical work by members of the class in conducting recitations in the authors usually read in preparatory schools, and exercises in sight-reading. *Fall Term, two hours.*

10. The Latin Fathers. This course is practically an introduction to patristic Latin. Lectures upon the peculiarities of ecclesiastical prose are followed by reading as widely as time allows. Latin hymnology is also briefly considered. This course will be offered in 1899. *Fall Term, two hours.*

11. Plautus and Terence. Historical Syntax. Different plays are read from year to year, so that these authors may be studied for two terms by those who so desire. *Winter Term, three hours.*

12. Selections from Cicero's Philosophical Works, together with a study in outline of the systems of Philosophy prevalent in his time. *Spring Term, three hours.*

GREEK LANGUAGE AND LITERATURE

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. LYSIAS. Selected orations. Greek composition. Sight-reading in Xenophon's Hellenica. *Fall Term, four hours.*

2. PLATO'S APOLOGY AND CRITO. Greek composition. Sight-reading in Xenophon's Memorabilia. Brief outline of Greek history. *Winter Term, five hours.*

3. ODYSSEY AND LYRIC POETS:—Selections. The Homeric question. Outline sketch of Greek literature. *Spring Term, three hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. THE TRAGEDIES. Æschylus and Sophocles. Two plays, with readings from other tragedies. History of Greek drama. Essays. *Fall Term, four hours.*

5. DEMOSTHENES. Oration on the Crown, or Olynthiacs and Philippics. The development of oratory. Legal procedure and political institutions of the Athenians. Later history of Greece. *Winter Term, three hours.*

6. THUCYDIDES. Books VI and VII. His characteristics as an historian and his political philosophy. Studies of Athenian statesmen. *Winter Term, three hours.*

Courses 5 and 6 are offered in alternate years.

7. EURIPIDES AND ARISTOPHANES. Medea or Hippolytus. Acharnians or Frogs. Sight-reading in Lucian. *Spring Term, three hours.*

Latin or Mathematics may be substituted for courses 5–7 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

8. HELLENISTIC GREEK. Selections from the New Testament or the Septuagint, studied chiefly in comparison with the Attic language. *Fall Term, two hours.*

9. THEOCRITUS. Study of the dialect, and of the place of the Idylls in literature. *Fall Term, two hours.*

Courses 8 and 9 are offered in alternate years.

10. PLATO AND ARISTOTLE. The Phædo of Plato or selections from his Republic, and portions of the Ethics of Aristotle are offered in alternate years, and are studied with special regard to their philosophic content. *Winter Term, three hours.*

11. HISTORY OF GREEK PHILOSOPHY. Open to Juniors in all courses. Weber's text-book is used, with lectures by the Professor, and essays by members of the class. *Spring Term, three hours.*

12. MODERN GREEK. At the convenience of the officer a class may be organized, using Vincent and Dickson's handbook and some current Athenian newspaper.

SEMITIC LANGUAGES

ELECTIVE WORK

FOR JUNIORS AND SENIORS

1. HEBREW: (*a*) Orthography, Morphology, and Elements of Syntax (Harper); (*b*) translation and study of Genesis; (*c*) reading historical prose. *Three terms, four hours.*

1898–1899.

2. SYRIAC: (*a*) Grammar (Nestle, Nöldeke); (*b*) Peshitta; (*c*) Specilegium Syriacum. *Fall and Winter Terms, two hours.*

3. HISTORY: Babylonia and Assyria, with the use of a German text-book. *Spring Term, two hours.*

1899–1900.

4. ARABIC: (*a*) Grammar (Lansing, Wright, Socin); (*b*) Quran; (*c*) prose selections. *Fall and Winter Terms, two hours.*

5. HISTORY: (*a*) Egypt; (*b*) Babylonia and Assyria. *Fall and Winter Terms, two hours.*

For other courses, which may be elected only by students who have already studied Hebrew, or Hebrew and Arabic, see the catalogue of the Theological Seminary.

MODERN LANGUAGES

It is the aim of this department: first, to give the student a technical knowledge of the German and French languages sufficient to read them with facility and accuracy; second, to present to the student the general idea of the literary history of each language with a detailed statement of special important epochs; third, by occasional lectures, illustrated by the stereopticon, to give the student some idea of the cities, customs, and life of the people whose language is studied; and also to show the prominent place given to German literature in German art.

GERMAN

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES II AND III WHO HAVE HAD NO GERMAN, AND FOR SOPHOMORES IN COURSE I

1. ELEMENTARY COURSE. GRAMMAR. Practice in pronunciation and in memorizing short selections, systematic drill in grammar, with special reference to syntax. Rapid reading of modern works of fiction, including selections from such authors as Hauff, Heyse, Storm, and Auerbach. *Three terms, three hours.*

SECOND YEAR

IN COURSES II AND III, FOR FRESHMEN WHO PRESENTED GERMAN FOR ADMISSION, AND FOR SOPHOMORES

2. MINOR GERMAN CLASSICS. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. LESSING'S MINNA VON BARNHELM, AND NATHAN DER WEISE. *Fall Term, three hours.*

4. SCHILLER'S MARIA STUART, OR JUNGFRAU VON ORLEANS, AND WILHELM TELL. Lectures, some of them illustrated by stereopticon views, on the important works of Schiller. Essays

by the class on topics connected with the reading. *Winter Term, three hours.*

5. The Literature of the Nineteenth Century. The purpose of this course is to acquaint the student with some of the best recent literature, and the works read will vary from year to year. Occasional lectures. Essays by members of the class. *Spring Term, three hours.*

FOURTH YEAR

FOR JUNIORS AND SENIORS WHO HAVE HAD AT LEAST TWO YEARS' WORK IN GERMAN

6. Goethe's Faust. Essays on literary and philosophical subjects suggested by the reading. Lectures accompanied by stereopticon illustrations. Offered only in alternate years. *Fall Term, three hours.*

7. German Composition and Conversation. *Winter Term, three hours.*

8. Lyric Poetry. *Spring Term, three hours.*

9. Middle High German. Elements of the grammar. Readings from the leading literary productions of the Middle Ages. *Fall Term, three hours.*

10. Gothic. Braune and Balg's Gothic Grammar. Balg's Gothic Bible. *Winter Term, three hours.*

FRENCH

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Systematic Drill in Grammar, with special reference to syntax. Rapid reading of selections from such authors as Souvestre, Mérimée, and Feuillet.

This course extends through the entire year and is designed as a foundation for acquiring a technical knowledge of the French language, and as an introduction to French literature. *Three terms, three hours.*

SECOND YEAR

IN COURSES II AND III, FOR FRESHMEN WHO PRESENTED FRENCH FOR ADMISSION, AND FOR SOPHOMORES

2. MINOR FRENCH CLASSICS. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. THE FRENCH CLASSIC DRAMA. The class will read selected works from Corneille, Racine, and Molière. *Fall Term, three hours.*

4. VICTOR HUGO AND THE ROMANTIC SCHOOL. *Winter Term, three hours.*

5. FRENCH COMPOSITION. *Spring Term, three hours.*

ENGLISH LITERATURE

The objects sought in this department are mainly the following: first, a general knowledge of the historical development of the literature; second, a particular acquaintance with the great literary periods and with the most prominent authors in each; third, an understanding of the principles of literary criticism and of the laws that underlie the various forms of literary art; fourth, a scientific knowledge of the origin and development of the English language. These objects are sought, not merely for their own sake, but as the means of developing a broad culture and a thorough appreciation of a great literature.

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. CHAUCER. Studied as the first great English poet, with special reference to the literary characteristics of his work. *Winter Term, two hours.*

2. Elizabethan Poetry. The non-dramatic poetry of the age is studied through the masterpieces of representative authors. This course and the preceding are made the basis for the study of the fundamental principles of literary art. *Spring Term, five hours.*

ELECTIVE WORK

SECOND AND THIRD YEARS

FOR JUNIORS AND SENIORS

3. Elizabethan Drama. A historical and critical study of the dramatic work of Shakspere and his contemporaries. Representative dramas are analyzed and discussed; and the development of dramatic art is traced. *Fall Term, three or five hours.*

4. Eighteenth Century Poetry. From Dryden to Burns. Representative poems are carefully studied; and the development of the poetry of the age through its various phases is investigated. *Winter Term, three or five hours.*

5. Nineteenth Century Poetry. Wordsworth to Tennyson. Individual characteristics are noted; changes in the spirit and method of poetry are investigated; and attention is drawn to the relation of these changes to the political, social, and intellectual movements of the age. *Spring Term, three hours.*

6. Prose Literature. From the age of Elizabeth to the end of the eighteenth century, as shown in selected masterpieces from the great prose writers. Special study of the prose romance and the essay. *Fall Term, three or five hours.*

7. Prose Literature. Nineteenth century. Special study of the essay and the novel. *Winter Term, three or five hours.*

8. American Literature. A study of the general development of American literature, of the characteristics of its various forms and classes, and of the representative works of leading authors in its various departments. *Spring Term, three hours.*

9. Anglo-Saxon. Elementary course. The grammar of the language is studied, and special attention is given to acquir-

ing facility in the reading of easy Anglo-Saxon prose. The relation of Anglo-Saxon to modern English is emphasized. *Fall Term, two hours.*

10. Anglo-Saxon. Rapid reading of prose selections. In this and the succeeding course different selections are read in alternate years, thus affording an opportunity for the student to take each course for two successive years. *Winter Term, two hours.*

11. Anglo-Saxon. Reading of poetical selections. Outlines of Anglo-Saxon literature. *Spring Term, two hours.*

THIRD YEAR

FOR SENIORS

12. Middle English. Twelfth to fourteenth centuries. History of the development of the English language. Outlines of Middle English literature. *Fall Term, three hours.*

Courses 1 and 2 must precede the other literary courses. Students are strongly urged to take elective courses in chronological order. Courses 6, 7, and 8 will be given in alternate years with courses 3, 4, and 5 respectively.

RHETORIC AND PUBLIC SPEAKING

In the department of Rhetoric and Public Speaking the following courses are offered :

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Public Speaking. Weekly exercises in declamation are required throughout the year. Each speaker receives special drill in preparation for the public delivery of his declamation.

2. Rhetoric. This course is designed to give the student definite ideas of the elementary principles of the subject, and facility in their application. The work is of a practical character, consisting mainly of composition and criticism. *Fall Term, one hour.*

3. Rhetoric. A study of the subjects of style and invention. Members of the class are required to present themes, plans, and discussions. These receive individual criticism. *Spring Term, two hours.*

SECOND YEAR

FOR SOPHOMORES

4. Rhetoric. Course 3 continued. *Fall Term, two hours; Winter Term, three hours.*

Opportunity is given throughout the courses in Rhetoric for students to engage in newspaper work. The Colgate Press Club is allied to the department of Rhetoric. It includes in its membership correspondents of daily and weekly papers and monthly magazines. The theories of newspaper writing are taught in the various courses in Rhetoric: practice is obtained by correspondence submitted to the editors of the various papers represented in the Press Club.

5. Public Speaking. Elocution and Voice Culture. A study of breathing, diaphragmatic action, articulation, pronunciation, and vocal expression, during the Fall Term. Weekly exercises in declamation during the Winter and Spring Terms.

THIRD YEAR

FOR JUNIORS

6. Public Speaking. Courses on the composition and delivery of orations are continued throughout the Junior Year. The principles of this form of composition are studied, and each member of the class is required to submit original orations, which are freely criticised.

During the second and third terms the orations are presented before public audiences.

ELECTIVE WORK

FOR JUNIORS

7. Public Speaking. A course in debate is offered to those students who have completed courses 1 and 5. *Fall and Winter Terms.*

FOURTH YEAR

FOR SENIORS

8. Public Speaking. A course in debate is offered to those students who have completed courses 1, 5, and 6. *Fall and Winter Terms.*

In courses 7 and 9 instruction will be given in the principles of argumentation, and in the public delivery of argumentative addresses. These courses are designed to make the student familiar with the elementary principles of parliamentary procedure, while at the same time they give ample opportunity for both prepared and extemporaneous debate.

MATHEMATICS

The courses of study in this department begin with the Freshman Year, and may be continued, as required or elective studies, throughout the entire undergraduate course. This work is conducted by aid of text-books with lectures.

The aim of the instruction is to form habits of accurate and precise expression, and to develop the power of independent and logical thinking, as well as to teach the methods and principles of each subject.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE I

1. Geometry. Solid and spherical; conic sections; exercises in geometrical invention and applications; theory of limits. *Fall Term, four hours.*

2. Algebra. Functional notation; derivatives of algebraic, logarithmic, and exponential functions; development of functions in series; convergency and summation of series; theory and computations of logarithms; permutations, combinations, and probability; theory of equations; determinants; graphic algebra. *Winter Term, four hours.*

3. Plane and Spherical Trigonometry. The theory of the trigonometric functions and its application to the solution of plane triangles; Napier's Rules and Analogies; Gauss' Equations, and their application to the solution of spherical triangles. *Spring Term, four hours.*

FOR FRESHMEN IN COURSES II AND III

1*a*. Geometry and College Algebra. Conic sections; geometrical invention; systems of equations; derivatives; expansion of functions. *Fall Term, four hours.*

2*a*. Algebra and Trigonometry. Series; logarithms; theory of equations; determinants; graphic algebra; trigonometric functions and formulas. *Winter Term, four hours.*

3*a*. Trigonometry. Solution of plane triangles; Napier's Rules and Analogies; Gauss' Equations, and solution of spherical triangles; plain surveying. *Spring Term, four hours.*

SECOND YEAR

FOR SOPHOMORES

4. Analytic Geometry. The straight line and the conic sections. *Fall Term, four hours.*

5. Analytic Geometry. The general equation of the second degree, and higher plane curves, in Plane Geometry; and the point, the straight line, the plane, and surfaces of revolution, in Solid Geometry. *Winter Term, three hours.*

6. Calculus. Differentiation and practical applications, direct integration and its application to the determination of areas and volumes, and the rectification of curves; successive differentiation; evaluation of indeterminate forms; development of functions in series; maxima and minima.

No student can pursue this course who has not completed the first five courses. While designed to lay the foundation for the subsequent courses on this subject, it is adapted to those also who wish in a short time to gain a clear idea of the methods and problems of the Calculus. *Spring Term, three hours.*

Latin or Greek may be substituted for courses 5 and 6 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS

7. CALCULUS. A continuation of course 6, embracing the remaining subjects in Taylor's Calculus. *Fall Term, three hours.*

8. CALCULUS. A continuation of course 7, embracing the history and philosophy of the Calculus. Books of reference : the treatises of Williamson, Duhamal, Price, and Bertrand, Bledsoe's Philosophy of Mathematics, and Cajori's History of Mathematics. *Winter Term, three hours.*

9. DETERMINANTS. Weld's Determinants. *Spring Term, three hours.*

FOURTH YEAR

FOR SENIORS

10. QUATERNIONS. Hardy's Quaternions. Books of reference : the treatises of Tait, and Kelland and Tait. *Fall Term, two hours.*

11. THEORY OF EQUATIONS. Burnside and Panton's Theory of Equations. *Winter Term, two hours.*

PHYSICS AND ASTRONOMY

PHYSICS

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES

1. ELEMENTARY PHYSICS. Instruction in the elements of physics is by lectures in which the general laws of mechanics, heat, acoustics, optics, and electricity and magnetism are presented. The steadily increasing equipment of the department in apparatus makes the demonstration of the larger number of laws possible in lecture-room experiments. The lectures are supplemented by recitations. Carhart's University Physics was used in this course as a text in the year 1897–1898.

Students entering this course must have completed Mathematics courses 1-4. *Winter and Spring Terms, five hours.*

Students in Courses I and II may substitute for the above courses 1 and 2 in chemistry. Students making this substitution may elect elementary physics in the Junior Year.

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS AND SENIORS

2. LABORATORY PHYSICS. The laboratory practice is devoted to the experimental verification of physical formulæ. The student is taught to use instruments of precision and acquires some knowledge of the simpler methods of manipulation in the making of physical measurements.

Physics course 1 necessarily precedes the laboratory practice; and Mathematics courses 4-6 are recommended to students who intend later to take this course. *Three terms, two hours.*

ASTRONOMY

ELECTIVE WORK

FOR SENIORS

1. ASTRONOMY AND ASTRO-PHYSICS. Conducted by lectures with experiments, and recitations from a text. Physics course 1 should precede this course. *Fall Term, three hours.*

GEOLOGY AND NATURAL HISTORY

The courses in this department are designed to give such knowledge of the several subjects as a scheme of general education requires. It will be seen also that both the geological and the biological courses are so arranged as to give two years of continuous work to those who may wish to teach these subjects or pursue them in a professional way. The instruction is given by lectures and laboratory work. Text-books for supplementary reading are required, with oral and written reviews. Much at-

tention is given to the literature of the subjects, and habits of independent investigation are fostered. The significant questions which subjects in natural history raise at the present time will receive such discussion as may be suitable. Hours for laboratory and field work are arranged after the organization of classes.

GEOLOGY

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

1. Dynamical Geology. The lectures treat of the applications of energy in the making of the earth. The chemical and mechanical work of the atmosphere, the effects of water in rivers, lakes, oceans, subterranean channels, and glaciers, form the earlier subjects of the course. The igneous forces are then studied, as seen in volcanoes, earthquakes, mountain making, and the development of continents. Several lectures are given on the geological work of organisms. The course deals particularly with the development of geographic forms, the evolution of scenery, and the effects of geological forces upon the course of human history. Four half-day excursions are made for the study of surface geology in the vicinity of Hamilton. Scott's Introduction to Geology is used in this course, and also in courses 2 and 3. *Fall Term, three hours.*

2. Lithological and Structural Geology. This course begins with an elementary study of the principal kinds of rocks. The lectures then deal with structural forms, such as stratified, tilted, faulted, and folded rocks, dikes, lava sheets, mineral veins, the general form of the earth, and the structure and topography of continents and mountains, as determined by upheaval and general erosion. *Winter Term, three hours.*

3. Historical Geology. An elementary course, with special reference to students who wish a general understanding of the succession of events in geological time. Among the special topics are: the climate, geography, plants, and animals of the various periods; economical products important in special formations, as

fuels, pigments, ores, mineral waters, salt, pottery clays, and building materials; geological time; the last glacial period, the antiquity of man, and the history of geological science. The course includes several field excursions, the accessible localities affording the best opportunities for beginning the study of historical geology. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Palæontology. A study of fossil organisms, their manner of preservation, their value as a geological record, and their systematic relations and succession in time. The appearance and extinction of great groups, and probable ancestry of existing forms are treated, with a critical study of evolution. The history and present state of opinion, and the factors of evolution are made themes for discussion. Laboratory work two hours each week. Course 3 and Biology course 2 are required in preparation. *Fall Term, three hours.*

5. Geology. History of Topography. Two hours seminary work each week, with research, the results to be presented in a thesis. About one half of the term is occupied with study of the general principles of topographic genesis, such subjects as the adjustment of drainage and the baselevel being treated with especial fulness. For the second half of the term each student selects a special topic, making report of progress from time to time to the class. The course serves as an introduction to the use of geological literature, and affords much training in the use of maps. *Winter Term, three to five hours.*

6. Geology. Field course. The quaternary geology of a district including fifty square miles in the vicinity of Hamilton, is the usual subject for study. Students carry on field work each week, both with the instructor and independently. All the materials of the drift, with subsequent formations, and the topography as a whole, are investigated in detail, each man presenting a report and map embodying the results of his study. Field problems in paleozoic geology may be assigned if preferred. *Spring Term, three to five hours.*

BIOLOGY

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES IN COURSE III

1. General Biology. This course deals with the simple laws of life and the relations of animals and plants. Practical work is done upon the fern, and either the earth-worm, or the frog, to illustrate the general structure and physiology of plants and animals; and these and other selected forms are made the basis for brief informal discussions of the leading principles of general biology. Instruction is given in the use of the compound microscope and the preparation of objects for microscopic examination. The course is designed as an introduction to the study of zoölogy and botany. *Fall Term, two hours. (Four hours' attendance.)*

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

Course 1 above is elective for Juniors in Courses I and II. *Fall Term, three hours. (Six hours' attendance.)*

2. General Zoölogy. Lectures and class dissections dealing with the general morphology of the various groups of animals and some of the more evident problems of biological study suggested by each. This course is given as an introduction to the study of animal biology for those who wish to pursue biological work further, as well as for those who desire such general knowledge of the animal kingdom as all educated persons should have. *Winter Term, three hours. (Laboratory, two hours.)*

3. Vertebrate Zoölogy. This course is open to those who have completed courses 1 and 2. In the laboratory, practical dissection is made of one or more vertebrate forms. The general morphology and classification of the vertebrate groups is made the subject of study in connection with the laboratory work. *Spring Term, three hours. (Six hours' attendance.)*

SECOND YEAR

FOR SENIORS

4. INVERTEBRATE ZOÖLOGY. A laboratory course in the dissection of invertebrate forms, with collateral reading, open to those who have had courses 1 and 2. *Fall Term, three hours. (Six hours' attendance.)*

5. INVERTEBRATE ZOÖLOGY, CONTINUED. *Winter Term, three hours. (Six hours' attendance.)*

6. EMBRYOLOGY. A laboratory course, with lectures and collateral reading. *Spring Term, three hours.*

7. BOTANY. The aim of this course is like that of 2. The structure and classification of plants, their distribution and economic uses are treated, with attention to the determination of the flowering plants. Laboratory, two hours a week. Gray's Structural Botany and Manual are required. *Spring Term, three hours.*

CHEMISTRY AND MINERALOGY

The aim of this department is to give instruction in the fundamental principles of scientific study and work, and to give the student training in habits of accuracy and observation. A portion of the work is carried on in the class-room by means of text-book and lectures, the remainder in the laboratory, which is equipped with all the apparatus necessary for the study of analytical chemistry.

CHEMISTRY

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE III, AND SOPHOMORES IN COURSES I AND II

1. GENERAL CHEMISTRY. A course for beginners, extending through the non-metallic elements. About one-half of the time is occupied with experimental lectures, the remainder being devoted to recitations, with frequent examinations. *Winter Term, five hours.*

2. Metallic Chemistry. A continuation of course 1, and extending through the metallic elements. During the latter part of the term a short course in blowpipe analysis will be given, with practical work in the laboratory. *Spring Term, five hours.*

Sophomores in Courses I and II may substitute for the preceeding courses, course 1 in Physics.

SECOND YEAR

FOR SOPHOMORES IN COURSE III

3. Analytical Chemistry. A course in qualitative analysis in the laboratory, including the determination and separation of simple inorganic substances in solution. Frequent examinations are given upon the work done, and the whole is supplemented by a short course of lectures on the history of chemistry. *Fall Term, five hours.*

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS

Course 3 above is elective for Juniors in Courses I and II.

4. Analytical Chemistry. An advanced course in the qualitative analysis of alloys and minerals, including the study of some of the rare elements. A short course of lectures on theoretical chemistry will be given. *Winter Term, five hours.*

5. Organic Chemistry. A course of lectures on this subject, with experiments, and occasional examinations. *Spring Term, five hours.*

THIRD YEAR

FOR SENIORS

6. Analytical Chemistry. A course in quantitative analysis extending through two terms. It is the aim of this course to make the student familiar with all the important quantitative determinations and separations of the elements. To this end the different methods gravimetric, volumetric, and electrolytic are employed. *Fall and Winter Terms, five hours.*

7. Advanced Analytical Chemistry. This course is a practical application of the principles learned in course 6, and

includes the quantitative analysis of minerals. *Spring Term, five hours.*

8. Special Courses. In place of course 7, a course in practical organic chemistry, or some of the simpler courses in technical chemistry may be taken by a limited number of students. *Spring Term, five hours.*

MINERALOGY

ELECTIVE WORK

FOR JUNIORS IN COURSE III, AND FOR SENIORS

1. Systematic Mineralogy. This course includes the study of crystallography, and of the most important physical and chemical properties of minerals employed in their determination, together with the classification and special study of the more important minerals. *Fall Term, three hours.*

2. Practical Mineralogy. To those who wish to continue the preceding course, practical work is offered to a limited number of students, the aim being to teach the use of instruments and general methods of mineralogical work. *Winter Term, three hours.*

HISTORY

The method of treatment will vary with the subject-matter of the courses and the changing needs of those electing them. The use of a text-book, class recitations and discussions, lectures by the instructor, reports on assigned subjects, may all be expected. Course 2 must be preceded by course 1, and, in general, it will be found to be an advantage to follow the courses in the order given. Course 8 is really a course in political science.

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

1. Introduction to the Middle Ages. From the Barbarian Migrations to the Dissolution of the Carolingian Empire. *Fall Term, three hours.*

2. Feudal Epoch. The Holy Roman Empire to the Fall of the Hohenstaufen. *Winter Term, three hours.*

3. History of England. From the English Conquest to the Tudor Monarchy. Special attention is given to constitutional development. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Renaissance and Reformation. From the Revival of Learning to the Peace of Westphalia. *Fall Term, three hours.*

5. American Constitutional History. This should be preceded, if possible, by course 3. *Fall Term, three hours.*

6. Course 5, continued. *Winter Term, three hours.*

7. French Revolution. From 1789 to the Congress of Vienna. *Winter Term, three hours.*

8. Comparative Government. A comparative study of the structure and workings of the governments of the great modern states. *Spring Term, three hours.*

ECONOMICS

Instruction in this Department is at present given by the Professor of History.

ELECTIVE WORK

FOR SENIORS

1. Elements of Political Economy. *Winter Term, three hours.*

2. Money and Banking. *Spring Term, three hours.*

PHILOSOPHY

PRESCRIBED WORK

FIRST YEAR

FOR JUNIORS

1. PSYCHOLOGY. Elementary science of the mental processes. *Fall and Winter Terms, three hours.*

2. LOGIC. Inductive and Deductive Logic, the principles and method of correct thinking and scientific procedure. *Spring Term, three hours.*

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

3. HISTORY OF GREEK PHILOSOPHY. Courses 10 and 11 in the department of Greek. *Winter and Spring Terms, three hours.*

4. EDUCATIONAL PSYCHOLOGY. Discussion of psychological topics such as attention, interest, habit, reasoning, emotion, and volition, with special reference to their pedagogical implications. This course, given in 1898, will be repeated in 1900. *Spring Term, three hours.*

4*a*. HISTORY OF EDUCATION. An historical account of the leading typical theories of education with special reference to present educational needs. This course will be given in 1899 and repeated in 1901. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

5. HISTORY OF MODERN PHILOSOPHY. The leading philosophical systems from Descartes to the present time. Considerable time is given to reading selected portions of the works of representative philosophers. *Three Terms, three hours.*

6. ETHICS. A critical and constructive study of morals, with special reference to theories of the moral consciousness and the moral ideal. *Fall Term, three hours.*

7. METAPHYSICS. An elementary study of first principles. *Winter Term, three hours.*

For course 7 may be substituted studies in advanced ethics, advanced psychology, or philosophy of religion.

Text-books, to be announced from time to time, are used in all courses of this department as the basis of instruction, and are supplemented by lectures, discussions, and essays. Courses in philosophical reading under the supervision of the Professor in charge will be arranged to meet the wants of individual students.

HISTORY OF ART

ELECTIVE WORK

FOR SENIORS

Instruction is offered in the history of architecture and sculpture. Text-books are used, and the students are required to consult the important authorities in preparation for stated examinations upon special questions. A room is provided for these investigations, equipped with a large number of works of reference. This study is accompanied with lectures, illustrated by numerous lantern views, and is aided also by a copious collection of photographs.

Egyptian art is first taken up, and that of Babylonia, Assyria, and Persia is next considered. Special attention is given to the origin and development of Greek architecture. Its connection with earlier styles is noted, and the modifications and additions made by the Romans are carefully traced. Basilican, Byzantine, Romanesque, and Mohammedan work is then treated. Further courses deal with Gothic and Renaissance architecture.

An attempt is made to trace the development of ancient sculpture, to impart some appreciative knowledge of its masterpieces, to show the relation between classical and mediæval work, and to bring out those principles which gave to the plastic art of the Greeks its enduring preëminence as the standard of taste. *Three terms, two hours.*

PHYSIOLOGY

PRESCRIBED WORK

FOR FRESHMEN

1. Hygiene. This subject is presented in a course of lectures, bearing upon the proper care of the physical man. The treatment is topical. The organs of each physiological system of the body are described, together with their workings and their relations to the special functions which they perform. The hygiene relating to each system is discussed in connection with the description of its anatomy and physiology. *Fall Term, one hour.*

FOR FRESHMEN IN COURSE III

2. Physiology. A scientific presentation of the processes of life in the human body. *Fall Term, five hours.*

ELECTIVE WORK

FOR JUNIORS

3. Physiology and Hygiene. This course, advancing slightly upon courses 1 and 2, is designed especially for students in Courses I and II who desire more than an elementary knowledge of the laws of life and health. *Winter Term, three hours.*

GYMNASIUM

Instruction in gymnastics is given to the members of the Freshman and Sophomore classes. Attendance is reqnired three hours per week throughout the year. The course is progressive and systematic and planned to secure definite results in bringing about an erect carriage of the body, developing and strengthening the muscular, circulatory, and respiratory systems, and maintaining a condition of general good health and bodily vigor. Instruction is also given to members of the Junior and Senior classes. Attendance is voluntary.

Each student upon entrance to College receives a thorough medical examination. A complete record is kept. At the close of the Sophomore year each student is re-examined and his health record compared with his entrance record.

CONSPECTUS OF COURSES

I. FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(4) Latin 1,*	(4) Latin 2,	(4) Latin 3,
(4) Greek 1,	(5) Greek 2,	(3) Greek 3,
(3) French 1,	(3) French 1,	(3) French 1,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2.	(1) Public Speaking 1,
(4) Mathematics 1.		(4) Mathematics 3.

SOPHOMORE YEAR

(3) Latin 4,	(3) Latin 5, or	(3) Latin 6, or
(4) Greek 4,	(3) Greek 5 or 6, or	(3) Greek 7, or
(3) German 1,	(3) Mathematics 5,	(3) Mathematics 6,
(2) Rhetoric 4,	(3) German 1,	(3) German 1,
(1) Public Speaking 5,	(2) English Literature 1,	(5) English Literature 2,
(4) Mathematics 4.	(3) Rhetoric 4,	(1) Public Speaking 5,
	(1) Public Speaking 5,	(5) Physics 1, or
	(5) Physics 1, or	(5) Chemistry 2.
	(5) Chemistry 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see page 39.

* The first numeral (in parenthesis) indicates the number of hours per week: the second is the number of the course in the department statement.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(4) Latin 1, or	(4) Latin 2, or	(4) Latin 3, or
(4) Greek 1,	(5) Greek 2,	(3) Greek 3,
(3) German 1 or 2,	(3) German 1 or 2,	(3) German 1 or 2,
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2*a*.	(1) Public Speaking 1,
(4) Mathematics 1*a*.		(4) Mathematics 3*a*.

SOPHOMORE YEAR

(3) Latin 4,or	(3) Latin 5, or	(3) Latin 6, or
(4) Greek 4,	(3) Greek 5 or 6, or	(3) Greek 7, or
(3) German 2,	(3) Mathematics 5,	(3) Mathematics 6,
(3) French 2,	(3) German 2,	(3) German 2,
(2) Rhetoric 4,	(2) English Literature 1,	(5) English Literature 2,
(1) Public Speaking 5,	(3) Rhetoric 4,	(1) Public Speaking 5,
(4) Mathematics 4.	(1) Public Speaking 5,	(5) Physics 1, or
	(5) Physics 1, or	(5) Chemistry 2.
	(5) Chemistry 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12)Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see page 39.

III. FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(3) German 1 or 2,	(3) German 1 or 2,	(3) German 1 or 2,
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(1) Rhetoric 2,	(1) Public Speaking 1,	(2) Rhetoric 3,
(1) Public Speaking 1,	(4) Mathematics 2*a*,	(1) Public Speaking 1,
(4) Mathematics 1*a*,	(5) Chemistry 1.	(4) Mathematics 3*a*,
(5) Physiology 2.		(5) Chemistry 2.

SOPHOMORE YEAR

(3) German 2, or	(3) German 2, or	(3) German 2, or
(3) French 2,	(3) French 2,	(3) French 2,
(2) Rhetoric 4,	(2) English Literature 1,	(5) English Literature 2,
(1) Public Speaking 5,	(3) Rhetoric 4,	(1) Public Speaking 5,
(4) Mathematics 4,	(1) Public Speaking 5,	(3) Mathematics 6,
(2) Biology 1,	(3) Mathematics 5,	(5) Physics 1.
(5) Chemistry 3.	(5) Physics 1.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 6,	(2) Public Speaking 6,
(3) Philosophy 1,	(3) Philosphy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see next page.

LIST OF ELECTIVE STUDIES

JUNIOR YEAR

FALL TERM	WINTER TERM	SPRING TERM
Latin 9 or 10,	Latin 11,	Latin 12,
Greek 8 or 9,	Greek 10,	Greek 11, 12,
Semitic Languages 1, 2,	Semitic Languages 1, 2,	Semitic Languages 1, 3,
German 3, 6, 9,	German 4, 7, 10,	German 5, 8,
French 3,	French 4,	French 5,
English Lit. 3 or 6, 9,	English Lit. 4 or 7, 10,	English Lit. 5 or 8, 11,
Debates 7,	Debates 7,	Mathematics 9,
Mathematics 7,	Mathematics 8,	Physics 2,
Physics 2,	Physics 2,	Geology 3,
Geology 1,	Geology 2,	Biology 3,
Biology 1,	Biology 2,	Chemistry 5,
Chemistry 3,	Chemistry 4,	Botany 4,
Mineralogy 1,	Mineralogy 2,	History 3,
(Course III only)	(Course III only)	Philosphy 3, 4 or 4*a*.
History 1.	History 2,	
	Philosophy 3,	
	Physiology 3.	

SENIOR YEAR

FALL TERM	WINTER TERM	SPRING TERM
English Lit. 3 or 6, 9, 12,	English Lit. 4 or 7, 10,	English Lit. 5 or 8, 11,
Debates 8,	Debates 8,	Geology 6,
Mathematics 10,	Mathematics 11,	Biology 7,
Astronomy 1,	Geology 5,	Chemistry 7 or 8,
Geology 4,	Biology 6,	History 8,
Biology 5,	Chemistry 6,	Economics 2,
Chemistry 6,	Mineralogy 2,	Philosophy 4 or 4*a*, 5,
Mineralogy 1,	History 6, 7,	History of Art.
History 4, 5,	Economics 1,	
Philosophy 5, 6,	Philosophy 5, 7,	
History of Art.	History of Art.	

NOTE—Junior electives are also open to Seniors when the schedule permits.

REQUIREMENTS FOR ADMISSION

GENERAL REQUIREMENTS

All candidates for admission must bring with them testimonials of attainments and of moral character, preferably from their latest instructors, and, if from another college, a certificate of regular dismission.

Candidates for the Freshman Class must have completed their fifteenth year, and candidates for a higher class must be advanced in age correspondingly.

It is recommended that the candidate be prepared for examination in the requirements as specified, but equivalents will be accepted.

SUBJECTS REQUIRED FOR ADMISSION TO THE FRESHMAN CLASS

I. THE COURSE IN ARTS

1. Latin. Cæsar's Commentaries (Books I–IV); six orations of Cicero, including that for the Manilian Law and that for the Poet Archias; six books of Virgil's Æneid; Latin Grammar, (Allen and Greenough, Bennett, or Harkness); and Jones' or Bennett's Exercises in Latin Prose Composition. The foregoing requirements are to be understood as indicating the desired amount of work, not necessarily its precise nature. Students are advised to substitute, if circumstances permit, Rolfe's Viri Romae for a part of the Cæsar, Sallust's Catiline for a part of the Cicero, and to read some of Ovid before beginning Virgil. Full equivalents will be accepted for any of the authors named. It is especially desirable that candidates should have acquired the ability to translate easy passages in prose and verse at sight.

2. Greek. Goodwin's or Hadley-Allen's Greek Grammar; four books of Xonophon's Anabasis; three books of Homer's Iliad; and exercises in prose composition. Collar and Daniell's Beginners' Greek Prose Composition is recommended. For two

books of the Anabasis, a like amount of the Hellenica may be offered; and for one book of the Iliad, an equivalent in Herodotus may be substituted.

3. English. The examination in English consists of two parts, one to test the general reading of the pupil, the other to bring out the results of more careful study and practice.

Part I. Reading. The candidate must show a good general knowledge of the subject-matter of each work and answer simple questions on the lives of the authors.

In 1899, the books for this portion of the examination will be Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancsent Mariner, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1900, Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

In 1901, Milton's Paradise Lost (Books I and II), Pope's Iliad (Books I and XXII), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

Part II. Study. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form, and structure, and also is designed to test the candidate's ability to express his knowledge with clearness and accuracy.

This portion of the examination for 1899 will be upon the following works: Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, and Carlyle's Essay on Burns.

In 1900, Shakspere's Macbeth, Milton's Paradise Lost (Books I and II), Burke's Speech on Conciliation with America, and Macaulay's Essays on Milton and Addison.

In 1901, Shakspere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tartar Tribe, and Tennyson's The Princess.

4. Mathematics. Algebra: Taylor's Academic Algebra, or an equivalent in other authors; Geometry: Wentworth's or Chauvenet's Plane Geometry, or an equivalent in other authors.

To enable students to succeed in the study of Mathematics in the University, the studies of the last year of the preparatory course should include a review of both Algebra and Geometry.

5. History. The History of Greece or of Rome, and of England or of the United States. Each should be pursued for seventy-five recitation hours.

6. Physiology and Hygiene. Preparation in some good elementary work on these subjects.

II. THE COURSE IN LETTERS AND PHILOSOPHY

1. Latin or Greek. The same preparation in either as for Course I.

2. German or French. Two years in either language, or one year in each. The following outline will indicate the amount of work which each year is expected to cover:

German. (First Year.) 1. Ability to pronounce German correctly, and read it with proper intonations. 2. Accurate knowledge of the elements of the grammar. The amount in Joynes-Meissner's Grammar, or an equivalent, will be accepted. 3. Enough reading to enable the candidate to translate simple German at sight. No specific authors or works are designated, but the amount read should be about two hundred pages, of which the larger part should be narrative and conversational prose. Five recitations a week during one year should be given to this work. Preparation by the so-called "natural" method should be supplemented by systematic drill in grammar.

(Second Year.) 1. More thorough knowledge of grammar, especially in the elements of word-formation, the uses of preposi-

tions and conjunctions, essentials of syntax, and in the uses of modal auxiliaries and the subjunctive. 2. Ability to translate ordinary German at sight. To acquire this facility not less than four hundred pages of prose and verse, in addition to the elementary work, should be read. It is recommended that about half of this reading be selected from the works of Lessing, Schiller, and Goethe. One year's additional instruction should be given to this work.

French. (First Year.) 1. A thorough knowledge of the grammatical inflection, with special attention to the irregular verbs. The amount in Whitney's Practical French, or an equivalent, will be accepted. 2. Enough reading to enable the candidate to translate simple prose at sight. No specific authors or works are designated for examination, but the amount read should be about three hundred pages, of which the larger part should be modern narrative and conversational prose. Five recitations a week during one year should be given to this work.

(Second Year.) 1. Ability to pronounce French correctly and to read it with proper intonations. 2. A thorough and detailed knowledge of accidence, and familiarity with the essentials of syntax, especially the uses of the moods and tenses. Ability to translate at sight standard French. For this purpose, in addition to the elementary work, not less than four hundred pages of prose and verse should be read, and the selections should be taken from various authors. One year's additional instruction should be given to this work.

3. English, as for Course I.

4. Mathematics, as for Course I, with the addition of Solid Geometry not including Spherical.

5. History, as for Course I, except that three subjects out of the four are required.

6. Physiology and Hygiene, as for Course I.

III. THE COURSE IN LETTERS AND SCIENCE

1. Languages. Two of the three following languages:

(a) Latin, two years. (b) French, two years. (c) German, two years. Or Latin two years, and French and German one year each.

2. English, as for Course I.

3. Mathematics, as for Course I, with the addition of Solid Geometry (including Spherical).

4. Physics, one year's work.

The following specifications are suggested:

One full year of work, as in Gage's Elements of Physics, Nichols' Outlines of Physics, or Carhart's and Chute's Elements of Physics, including also a series of at least thirty experiments from Chute's Physical Laboratory Manual, or their equivalent, the student's note-book certified to by the instructor to be presented at the examination.

5. Chemistry, through the non-metals. One-half year's work, as in the best manuals of elementary Chemistry. Such quality of work is required as to prepare the student for laboratory work in Analytical Chemistry.

6. History, as for Course II.

7. Physiology and Hygiene, as for Course I.

8. One of the three following:

Physical Geography, as in Tarr's Elementary Physical Geography.

The kind of work expected in Physiography is also indicated in the section on Geography, in the report of the Committee of Ten, and in the National Geographic Monographs.

Astronomy, as in Young's Lessons in Astronomy, or an equivalent.

Zoölogy, mainly the laboratory and field study of the common forms. The student must show training in observation: mere text-book work will not be accepted. Such guides as Colton's Practical Zoölogy, or Dodge's Elementary Biology are recommended.

ADMISSION TO ADVANCED STANDING.

Candidates for admission to any class higher than the Freshman are examined in the previous studies, or their equivalents, of the class which they wish to enter. Students coming from another college may, at the discretion of the Faculty, be admitted upon certificate in the studies covered. No person will be

admitted to the University, as a candidate or the Bachelor's degree, after the opening of the second term of the Senior Year.

ADMISSION AS SPECIAL STUDENTS

In exceptional cases, men who cannot meet the requirements of admission to a regular course, or are unable to give more than one or two years to study in college, are admitted to the privileges of the University and allowed to elect work under the direction of the Faculty. Such students are required to pass a preliminary examination sufficient to ascertain their qualifications, and are subject to the same regulations and discipline, and to the same examinations in the studies pursued, as those who are candidates for a degree. Special students cannot compete for prizes or take part at Commencement; and their names appear in the catalogue in a separate group.

The opportunity of pursuing selected studies under the above conditions is not offered to those who have failed to maintain standing in one of the regular courses.

ENTRANCE EXAMINATIONS

Entrance examinations may be taken at the University as follows: Monday and Tuesday, June 19th and 20th, 1899, or on Thursday, Friday, and Saturday, September 14th, 15th, and 16th following.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions in September. Those who remain conditioned after the September examinations, or receive conditions at that time, may be required by the respective officers to study under an authorized tutor.

For the benefit of students living at a distance, who can not conveniently take the June examinations at the University, arrangements may be made by which examinations shall be held under the direction of a college officer, or some authorized person, at some convenient point. Under such circumstances, the names must be sent to the President not later than May 15th, 1899.

ADMISSION BY CERTIFICATE

The entrance examination in English must be taken by all applicants for admission to any Course. With this exception, admission may be wholly or in part by certificate as follows :

Pass Cards and Diplomas of recent date, issued by the Regents of the State of New York, will be accepted for the subjects which they cover.

Students from schools having approved preparatory courses may be admitted upon satisfactory certificates from their Principals. Certificates should, if possible, be filed with the Registrar before the entrance examination in June. Blanks for certificates will be furnished upon application.

Principals of preparatory schools who desire to have their pupils admitted on certificate are invited to correspond with the President.

GRADUATE WORK

I. MASTERS' DEGREES

The University Faculty will recommend for the degree of Master of Arts, Master of Philosophy, or Master of Science, candidates who have received the corresponding Bachelor's degree from any approved college, and who shall have pursued a course of advanced non-professional study equivalent to an additional year of college work. Such a course shall consist of a major and a minor subject to be taken in different, but related, departments. Satisfactory examinations must be passed in these studies; and a thesis must be presented on some topic within the field of the major subject. The plan of study must be submitted by October 1st, the subject of the thesis by December 1st, and the thesis itself by May 15th of the year in which the candidate expects to take the degree. Graduates giving their full time to the work may be recommended for the degree after one year of study. Graduates giving only a portion of their time to the work will not be recommended under two years. Graduates enrolled in the Theological Department who are not candidates for the degree of Bachelor of Divinity may be recommended after three years. No one will be recommended for a Master's Degree without post-graduate study in residence during at least three terms. A copy of the thesis must be deposited in the University Library.

The conferring of the degree of Master in course has been discontinued since the Commencement of 1895–1896.

II. DEGREE OF BACHELOR OF DIVINITY

The University Faculty will recommend for the degree of Bachelor of Divinity candidates who have received the degree of Bachelor of Arts, and who shall have pursued the Full Course in the Theological Department, including an approved scheme of electives for the Middle and Senior Years, and shall have pre-

sented a thesis of not less than three thousand words, approved by the Theological Faculty. A copy of the thesis must be deposited in the University Library. The University Faculty will not recommend the conferring of this degree for work done *in absentia.*

THE GYMNASIUM.

GENERAL INFORMATION

GROUNDS AND BUILDINGS

The present site of Colgate University was determined by the gift, in 1826, of one hundred and twenty acres of land by Samuel Payne and his wife. Various additions have been made until now the University grounds include about two hundred and twenty-five acres.

The country surrounding the village of Hamilton, within whose limits the grounds are situated, is pleasantly diversified by valley and hill, and constitutes an environment of much natural beauty.

The Superintendent of Grounds and Buildings conducts the improvements upon the campus, in accordance with plans prepared by Mr. Ernest W. Bowditch, of Boston.

The Athletic Field covers fifteen acres. It contains base-ball and foot-ball grounds with grand-stand, tennis courts, and ample space for general field sports.

West College. This building was erected in 1827. It contains two lecture rooms, the museum of Natural History, the biological laboratory, and accommodations for seventy students.

East College. This building was erected in 1834. It is the main dormitory, and contains accommodations for about ninety students.

Alumni Hall. This building was erected in 1860 by the Alumni and friends of the University. It is known in the University records as the Hall of Alumni and Friends, and contains the college chapel, eight lecture rooms, and several other rooms.

The Chemical Laboratory was the joint gift of the late President Dodge, the late Col. Morgan L. Smith, of Newark, N. J., Mr. Thomson Kingsford, of Oswego, and the late Mr. Samuel Colgate, of New York. It was built in 1884, and

affords accommodations for the Department of Physics as well as that of Chemistry. On the ground floor are two large lecture rooms, well lighted and furnished with necessary apparatus for illustration and experiment. On the second floor are the laboratory work rooms, which afford opportunity for an extended course in Analytical Chemistry, both qualitative and quantitative. The laboratory has been recently repaired and improved, and desks are now provided for thirty-five students.

The Colgate Library. This structure was erected and furnished at a cost of $150,000, and was the gift of Mr. James B. Colgate. It is fire-proof, and in the completeness of its facilities embraces the best results of the large experience of Mr. Melvil Dewey, Director of the New York State Library. It contains, besides the offices and work room of the library, two large stack rooms with a capacity sufficient for the growing needs of the University, a spacious reading and consulting room, three seminary rooms, rooms for the Baptist Historical Collection, rooms for the use of the Boards of Trustees, and the Office of the President.

The Gymnasium was built in 1893. The first floor contains the main hall, sixty-two by fifty feet, with an elliptical running track suspended from the truss roof, and is amply lighted by a large skylight in the center of the roof in addition to the windows at the sides. The Director's offices, the sparring, fencing, and bicycle rooms and batting cage are also on this floor. On the ground floor is the locker room, containing accommodations for four hundred students. Adjoining this on one side are tile-lined bath rooms, and a swimming tank fifteen by forty feet; and on the other side, a well-equipped bowling alley. On the floor above the main hall are trophy and lecture rooms, and also a visitors' gallery overlooking the exercise room and running track. The building is thoroughly equipped with the most approved apparatus.

THE LIBRARY

The Library is intended to meet the needs of all departments of the University. It already contains about twenty-five thou-

sand volumes, and is enlarged every year by the expenditure of the income of a library fund of $25,000. In the Library are included the following special collections:

(1) The President Dodge gift of more than three thousand five hundred volumes, including an extensive and well selected collection of works on Christian archæology and art; (2) the Hon. Isaac Davis section, consisting of works on Baptism and works by Baptist authors, annually increased by the income of the fund bequeathed; (3) the William Ward Memorial Collection, consisting of encyclopædias and other works of reference, annually enlarged by the income of a fund given by the late William Bucknell, in memory of the Rev. William Ward, D. D., class of 1848; (4) the collection which once formed the library of the American and Foreign Bible Society.

The Baptist Historical Collection, the gift of the late Mr. Samuel Colgate, numbering already about thirty-five thousand pamphlets and bound volumes, constitutes a library in itself. It has been carefully catalogued and arranged in the rooms designed for it in Colgate Library. It consists of annual reports, catalogues, historical addresses and sermons, and historical sketches of local churches, besides many valuable books relating to Baptist history. No pains or expense was spared by Mr. Colgate to make this collection as complete as possible; and generous provision was made by him for its maintenance and enlargement. An explanatory pamphlet will be sent on application to the Librarian.

Students have direct and personal access to a collection of two thousand volumes or more, placed in the reading room. These volumes are changed more or less every term to meet the varying needs of the different departments. Other books may be drawn in accordance with customary library regulations. Students of all departments are encouraged to ask for assistance in their work, and to use the reading and seminary rooms for purposes of special investigation.

COLLECTIONS

The Museum of Geology and Natural History contains the following collections:

The Douglass Herbarium, presented by Dr. J. S. Douglass, filling thirty-three volumes, and illustrating the flora of the northern United States.

The Zoölogical collections, including alcoholic specimens, chiefly collected by the late Professor W. R. Brooks; the conchological collection, consisting largely of tropical species; an excellent display of corals; and a very large and valuable collection of the birds of Europe, the East Indies, and North America, secured for the University by Professor A. S. Bickmore, of New York.

The geological material is arranged in several departments, as follows:

Historical.—An extended series of fossils, illustrating the succession of life in geological time. This collection was purchased for the University by Mr. James B. Colgate, and includes many of Ward's casts of extinct vertebrates.

Systematic.—Affording facilities for comparing the fossil with the existing forms of the several zoölogical groups. This collection has recently been enriched by the addition of a series of Silurian and Devonian corals, from Michigan and Canada.

Dynamical.—Here are found a suite of typical lavas and other volcanic products from many parts of the world; a model of Mount Vesuvius and its environs; and a variety of specimens illustrative of sedimentation, weathering, seashore action, metamorphism, folding, jointing, veins, dikes, and other structures, glacial action, the work of underground water, and the geological effects of organisms.

Lithological.—A typical display of rock-forming minerals and the common rocks resulting from their combination, sedimentary, metamorphic, and igneous.

Economic.—This collection was begun by the acquirement of representative building stones of New York and New England. Large additions have recently been made, embracing a wide range of geological materials used in the arts. These additions include several hundred specimens from Colorado, collected at the principal mining camps and from firms in Denver. A highly valuable collection was also secured at the close of the Colum-

bian Exposition, including native gold, silver, copper, ores of gold, silver, platinum, iron, tin, copper, zinc, and nickel; fuels, building and ornamental stones, pigments, fire and plastic clays, asbestos, phosphates, road materials, and miscellaneous minerals from all sections of the United States and the British provinces, embracing a rich collection from the resources of New South Wales.

Mr. T. J. Welch, of Oil City, Penn., has presented to the University a very complete and valuable collection illustrative of the petroleum industry. It includes nearly two hundred samples of crude oil, and a variety of refined products, with models of plants and apparatus.

A class-room collection of several hundred specimens of typical fossils, rocks, and minerals has been arranged during the current year, in the geological lecture room. There is also included a set of (Zittel's) and other charts, lantern, a large collection of slides and photographs, and a lithological lathe.

A valuable outfit of microscopic and other apparatus for biological study was donated as a class memorial by the class of 1889 of this University. During the present year important additions of apparatus and furniture have been made, and the laboratory work has been transferred to a suite of large and light rooms specially fitted up for the purpose at the eastern end of West College.

The geological seminary in the Library contains a large and rapidly increasing collection of topographic and geological maps and models for use in the physiographic courses.

ENDOWMENT

Prior to the commencement of 1891 the University possessed, in addition to its grounds and buildings, an endowment of about five hundred thousand dollars. This endowment was the aggregate of gifts large and small from friends and alumni of the University during its growth.

During the Commencement of 1891 Mr. James B. Colgate, of Yonkers, N. Y., announced that he had placed in the hands of three trustees one million of dollars of interest bearing securities, which he presented to the University upon certain conditions.

The fund thus established is known as the Dodge Memorial Fund, in memory of Dr. Ebenezer Dodge, the fourth President of the University. One-half the income from this gift is applicable to the current expenses of the University, the other half is for the time being added to the principal sum. It was the intention of the donor to make a reasonably secure provision for the maintenance and general development of the University, and thus encourage other friends of the institution to provide for its enlargement along lines in which they might have a special interest.

EXPENSES

The necessary expenses of a student in Hamilton are moderate. Tuition is fixed at a price much lower than that of most eastern institutions, while the dormitories furnish comfortable rooms at a price merely nominal. Moreover, to worthy and capable students, aid is furnished by the Baptist Education Society of the State of New York, and numerous scholarships and premiums are provided by the University. It is intended, so far as possible, that no diligent, worthy student shall leave the institution for lack of means. The friends of the institution have made noble provision for this purpose, but the increase in the number of students and the extension of the usefulness of the University, make imperative the need of further provision in aid of promising students. It is hoped that those interested in higher education will be inclined to establish many other general scholarships, applicable at the discretion of the University to the assistance of worthy and capable young men.

The following list includes most of the necessary expenses: matriculation fee, $5.00; tuition, $20.00 a term; room rent, $3.50 or $5.00 a term, according to the location of the room; to a student rooming alone, the rent is $7.00 or $10.00.

An additional fee of $10.00 a term is paid by those students who take Analytical Chemistry. This sum is intended to cover the expense of chemicals, gas, and the use of general laboratory apparatus. A deposit of $5.00 is required of all students in Analytical Chemistry, to cover breakage. Any balance left at the end of the course is returned.

A laboratory fee of $2.00 or $3.00 a term is also paid by students in Zoölogy, Botany, and Palæontology, and of $3.00 by those working in the Department of Physics. A gymnasium fee of $1.00 a term is required of the two lower classes, and of all other members of the University making regular use of the gymnasium.

The above expenses are payable each term in advance. No deduction is made on account of absence, unless the student enter a lower class.

The fee for each degree in course, including diploma, is now $5.00, payable in advance: to those who shall have paid the matriculation fee no charge will be made.

Board is obtained in clubs at an average cost of $2.50 a week. In private families it varies from $2.50 to $3.50. The cost of board and room in private houses is from $3.50 to $4.50 a week. Students in the college dormitories furnish their own rooms. The care of the rooms is in part committed to the janitor.

UNIVERSITY SCHOLARSHIPS

The University has at its disposal the following scholarships:

The Trevor Scholarships. A fund of $40,000 was given by the late John B. Trevor, of New York, to establish forty scholarships—twenty yielding $90 a year and twenty yielding $30 a year each—for the benefit of those who have served in the army or navy of the United States. "Soldiers, or their orphan sons, or sons not orphans, or those dependent on soldiers for support—and in this order of preference—shall have the benefit of these scholarships."

The Gano Scholarship, of $90, established by Mrs. Eliza Rogers, of Providence, R. I.

The Eleanor F. Dodge Scholarship, of $60, established by Mrs. E. F. Dodge, of Providence, R. I.

The Edwards Scholarship, of $72, established by Hervey Edwards, of Fayetteville, N. Y.

The Van Antwerp Scholarship, of $60, established by William M. Van Antwerp, of Albany, N. Y.

The Palmer Scholarship, of $60, established by Nelson Palmer, of Athens, N. Y., class of 1849.

The Coolidge Scholarship, of $54, established by William Coolidge, of Madison, N. Y.

The Phillips Scholarship, of $30, established by Thomas Phillips, of New York.

The Crissey Scholarship, of $30, established by Benjamin Crissey, of New York.

The Jefferson Tillinghast Scholarship, of $30, established by Jefferson Tillinghast, of Newport, N. Y.

The Peddie Scholarships, established by Thomas B. Peddie, of Newark, N. J.

The Ingalls Scholarships, two of $30 each, established by Mr. and Mrs. David W. Ingalls, of Hamilton, N. Y.

The Benjamin F. Tillinghast Scholarship, of $50, established by Benjamin F. Tillinghast, of Cortland, N. Y.

The Cynthia Burchard Andrews Scholarship, of $60, established by the late Mrs. Cynthia Burchard Andrews, of Hamilton, N. Y.

The President's Scholarships, ten of $39 each, designed for young men of character and capacity not preparing for the Christian ministry.

Written application should be made to the President of the University, giving name, age, residence, purpose in study, and means of support. Those who apply for one of the Trevor Scholarships should also state the military service on account of which the scholarship is asked.

THE EDUCATION SOCIETY

Students for the ministry, of suitable character and talents, may receive aid from the Baptist Education Society of the State of New York. The amount furnished varies somewhat according to the needs of the student and his position in the course of study. In addition to the regular contributions made to the society for this purpose, it also has control of a number of scholarships, the income of which is to be expended in the education of young men for the Christian ministry.

All communications with reference to the amount and conditions of help for ministerial students should be addressed to the Corresponding Secretary of the Education Society, H. S. Loyd, D. D., Hamilton.

RELIGIOUS SOCIETIES

The College Young Men's Christian Association is a large and vigorous organization, devoted to the sustaining and extension of religious life among the students. It sustains weekly meetings, Bible classes, and a workers' training class. At intervals through the year, public addresses of interest and value are delivered under the auspices of the association.

The Volunteer Band sustains a weekly missionary prayer meeting, and a monthly public meeting, at which papers are presented on subjects connected with missionary work. The society conducts correspondence with missionaries in the foreign field, and addresses are delivered before it by returned missionaries on practical topics connected with their experience and work.

PRIZES

THE DODGE ENTRANCE PRIZES

Four prizes were established by the late President Dodge, for students entering the Freshman Class in the Classical Course, to be awarded as follows:

To the three students from the last preceding graduating class of Colgate Academy whose standing during the academic course shall be the highest among those who enter the College, will be awarded a first prize of $30, a second prize of $24, and a third prize of $18, to be paid at the opening of the Freshman Year. No student shall be eligible to compete for these prizes unless he shall have been connected with the Academy for at least two years.

A fourth Dodge Prize of $18 may be competed for by students entering from other preparatory schools, and also by such students from Colgate Academy as were not eligible to compete for the first three prizes. The examination must be passed before the Saturday of the opening week. The officers hearing the Freshman Class are the committee of examination and award.

None of the above prizes will be awarded unless the student has reached an average of at least 8.

THE KINGSFORD DECLAMATION PRIZES

These prizes were established by Mr. Thomson Kingsford, of Oswego, N. Y. Twelve speakers from the Freshman, Sophomore, and Junior Classes, four from each class, are appointed upon the basis of their record for the year in public speaking. Two competitors in each class receive prizes, a first and a second, consisting of books.

THE BALDWIN GREEK PRIZES

These prizes have been established for the Sophomore Class by Hon. D. P. Baldwin, LL. D., Class of 1856, Logansport, Ind. The examination, from printed papers, is exclusively in writing,

and is upon some author, or work of an author, read by the class in the Spring Term of the Sophomore Year. It embraces both grammar and subject matter, with exercises in prose composition. There is a first prize of $18, and a second prize of $12. No student can compete unless his standing in all departments averages at least 8. The award is made by a committee not connected with the University. The examination for the present year will occur May 27th, 1899. The subject is the Idylls of Theocritus.

THE SOPHOMORE LATIN PRIZES

The examination is in writing on some author, or work of an author, read during the Winter Term of the Sophomore Year. It includes, however, more than is required of the class, and embraces translation, grammar, and subject matter. There is a first prize of $25, and a second prize of $15. No student is allowed to compete unless his average standing in all departments is at least 8. The award is made by some scholar not connected with the University. The next examination will be held April 15th, 1899.

THE OSBORN MATHEMATICAL PRIZES

These prizes, established in honor of the late Professor L. M. Osborn, have been provided for the Junior Class by ten of the Alumni and friends of the University. The examination, which is exclusively in writing, is on the subjects of Analytic Geometry and the Calculus. The prizes, three in number, a first prize of $25, a second prize of $20, and a third prize of $15, are awarded by some scholar not connected with the University. No student is allowed to compete for these prizes whose standing in this or whose average standing in the other departments, falls below 8. For the present college year the examination will occur April 22d, 1899.

THE ALLEN ESSAY PRIZES

Two prizes of $17 and $13 respectively, established by George K. Allen, D. D., Class of 1870, are awarded on Commencement Day to two members of the Sophomore Class, for excellence in

English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. Our Mission in the Tropics.
2. The Czar's Proposal for Disarmament.
3. Rudyard Kipling as a Poet.

THE LASHER ESSAY PRIZES

Two prizes, of $17 and $13 respectively, established by George W. Lasher, D. D., Class of 1857, are awarded on Commencement Day to two members of the Junior Class for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. The Englishman in Africa.
2. Gladstone and Bismarck.
3. Matthew Arnold and Walter Pater as Literary Critics.

The following regulations apply to both the Allen and Lasher Prize Essays :

1. Each prize essay must contain not more than fifteen hundred words, and must be so written that the manuscript will show broad margins, and be suitable for binding; it must be signed with a fictitious name; and this fictitious name must be subscribed in the sealed note containing the writer's real name.

2. Before the day appointed for receiving the prize essays, each competitor must register his name with the Professor of Rhetoric.

3. The essays which receive awards will remain in the possession of the Librarian.

THE LAWRENCE CHEMICAL PRIZES

Two prizes, of $25 and $15 respectively, maintained by Mr. G. O. C. Lawrence, of Buenos Ayres, S. A., are awarded on Commencement Day, for excellence in Analytical Chemistry. The examination, which is exclusively in writing, is upon the subjects of General and Analytical Chemistry, as given in courses 1–5. Any student in this department who is a candidate for a degree may compete for these prizes, provided his work in all other departments is satisfactory, and his average standing in this department is not below 8. The next examination will occur April 8th, 1899.

THE JUNIOR HISTORICAL ORATION PRIZES

Two prizes, of $60 and $40 respectively, maintained by Edward M. Grout, Esq., Class of 1884, are awarded to members of the Junior Class for excellence in oratory. These prizes are governed by the following regulations :

1. Any member of the Junior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration must be on some historical subject of the nineteenth century.

3. The oration presented must contain not more than two thousand words, and, in general, is subject to the regulations for prize composition.

4. From the whole number of orations presented, six shall be selected for public delivery.

5. The public contest shall be held on the Friday evening preceding the close of the Winter Term.

6. The prizes shall be awarded for excellence of thought and composition, and for practical effectiveness rather than technical excellence of delivery.

THE EUGENE A. ROWLAND ORATORICAL PRIZE

One prize of $50.00, maintained by Eugene A. Rowland, Esq., Class of 1884, is awarded for excellence in Public Speaking, to a member of the Senior Class. The regulations of the competition are as follows :

1. Any member of the Senior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration. The oration must be presented to the Professor of Public Speaking not later than twelve o'clock (noon) of the first Friday of the Winter Term.

2. The theme of the oration must be taken from the History of the Progress and Development of the American people, and must be either biographical, critical, or sociological, in its character.

3. Before the day appointed for receiving the orations, each competitor must register his name with the Professor of Public

Speaking. The oration presented must contain not more than eighteen hundred words; it must be signed with a fictitious name; and this fictitious name must be subscribed on the sealed note containing the writer's real name.

4. All the orations presented at the specified time shall be referred to a committee of three members, to be appointed by the Professor of Public Speaking in consultation with the President of the University; and from the whole number of orations thus referred, six shall be selected by the Committee for public delivery. The decision of this Committee shall be announced not later than the second Friday of the Winter Term.

5. The public contest shall be held on the second Friday evening in February; the order in which the contestants shall speak shall be determined by lot; the prize shall be awarded on the ground of merit and excellence, both in composition and delivery; the Committee of Award shall consist of three persons, appointed by the Professor of Public Speaking in consultation with the President of the University.

6. For preservation and reference, each contestant shall file with the Librarian of the University, not later than the day of the contest, a copy of his oration in suitable form for binding.

THE CLASS OF 1884 DEBATE PRIZES

The Class of 1884 has established a fund whose annual interest will maintain a public prize debate, to be held during Commencement week. The prizes are $40 and $20.

The regulations governing the Class of 1884 Debate Prizes are as follows:

Competition for the Class of 1884 Debate Prizes shall be open to all members of the graduating class who have elected debates throughout the Senior year. These prizes shall be awarded on the following conditions:

1. In connection with the work in debate, there shall be held each year a preliminary debate for the selection of speakers for the prize debate.

2. Any member of the graduating class whose work in debate during the year shall be deemed worthy of such recognition may be designated as a candidate for the preliminary debate.

3. From the candidates at the preliminary debate, six speakers shall be chosen to be the competitors in the prize debate.

4. At the prize debate, two speakers shall receive awards.

5. The prizes shall be conferred on Commencement Day.

THE LEWIS COMMENCEMENT ORATION PRIZE

This prize was established in memory of Mr. George W. M. Lewis, of Utica, N. Y., by the late Professor John James Lewis, LL. D. On Commencement Day of each year the sum of $60 will be awarded to that member of the graduating class who excels in the composition and delivery of an original oration.

Regulations of the Competition for the George W. M. Lewis Commencement Prize:

1. Every candidate for a degree, who shall be appointed to speak at Commencement, may compete for this prize.

2. Eight minutes shall be the limit of time for the delivery of each oration.

3. The committee of award shall consist of five persons not residents of Hamilton.

4. The sum of $60 shall be awarded, without division, to one orator before the close of the Commencement exercises.

REGULATIONS

No student shall be allowed to make up a term's work in any department by examination, without attendance at recitations, unless special permission be given by the Faculty. As a general rule, such permission will not be granted unless the student maintains high rank in all departments.

No student, except by special vote of the Faculty, shall be advanced from any class to the next higher unless he have an average standing of at least six (6) on the scale of ten (10) in each department of study, and an average of not less than seven (7) during the year in all departments taken together.

Unless a student shall have been advanced from one class to another before the printing of the current catalogue, his name shall not be advanced in the catalogue except by special vote of the Faculty.

All entrance conditions must be removed not later than the first Saturday night of the Sophomore year. Except by special consent of the Faculty, the existence of an entrance condition after the above date shall exclude the student so conditioned from all class-room privileges in the college, until such condition shall have been removed.

No student is expected to be absent from any college exercise except in cases of necessity. In order, however, to provide for necessary absences of students, a certain number of absences will be allowed in each subject in accordance with the following regulations:

1. No student shall be allowed to absent himself from more than one-tenth of the whole number of exercises in any course during one term.

2. Any student desiring to be excused from reciting in any exercise shall be considered absent.

3. No absence in excess of the number allowed shall be excused for any cause whatever.

4. Any student exceeding his allowed number of absences shall be required to pass all reviews and term examinations, and shall afterwards be required to pass a special examination before the first Saturday night of the following term. Failing to pass the said examination, the student may, in the discretion of the officer, be permitted a second trial, failing in which, he shall be required to take the subject again in the class room.

5. Students are allowed the same proportion of absences from chapel as from other exercises.

6. Excess of absences from recitations or from chapel exercises may become a subject for discipline.

The members of the Sophomore, Junior, and Senior Classes shall be required to make their elections before six o'clock P. M. of the second day of each term.

No student shall be admitted to recitations until his list of studies for the term has been completed and his card signed by the Registrar.

Elective studies, when thus registered, may be changed only by consent of the Faculty.

No student who is delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year shall be eligible to any college appointment as a speaker.

If the scholarship or personal conduct of any student be such that it does not appear to be for the interest of the institution, or for his own interest, to continue him in college, the Faculty may inform his parent or guardian that the continuance of such student in college will be inexpedient, and may dismiss him without public censure or disgrace.

No student who is deficient in his college work shall be eligible to active participation in conduct and management of student organizations. By active participation in conduct and management is understood the holding of office as manager or director in any such organization, or membership in any university exhibiting organization, contesting athletic team, or publishing board.

No student shall be eligible to active participation in the conduct and management of more than two such organizations during the same term.

Any club, association, or team of students proposing to give one or more exhibitions or entertainments, before making any contracts or engagements, must present their plans to a standing committee of the Faculty, who will be ready to confer with the manager and another representative of the club or association; and no engagements shall be made without the approval of this committee.

The accounts of all student organizations shall be submitted by the treasurer of such organization before the last Wednesday of each term to an auditing committee, appointed by the faculty.

Exceptions to the above regulations can be allowed only by special permission of the Faculty.

Except by special vote of the Faculty, entrance conditions shall not make a student ineligible to active participation in the conduct and management of student organizations until after January 1st next following the entrance of such student into college.

Only those students who are candidates for a degree can compete for prizes or other college honors.

No student shall be recognized as a contestant directly or indirectly for any prize or appointment unless he shall be maintaining standing in all his studies at the time of such recognition, and shall have passed all examinations prior to the term in which such recognition is made. No credit in class standing is given for prize work.

No student who has exceeded the allowed number of absences during the term of competition shall be recognized as a competitor for any prize.

An oration for graduation is due on the sixth Thursday before Commencement from every member of the Senior class who is a candidate for a degree.

Any Senior who shall not present his oration by the time specified will be debarred from all recitations until the oration is presented.

The Commencement speakers shall be chosen from those who present orations at the specified time, and who are not delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year. The merit of the orations, to be determined by a committee of the Faculty, shall be taken into account in choosing the speakers.

If any member of the Senior class shall be delinquent in his work after ten o'clock P. M. of the Saturday before Commencement, he shall not be recommended for a degree before the expiration of one year.

Students pursuing a special course may, upon application to the President, receive a certificate stating the courses which they have successfully completed.

No degree can be conferred or certificate given unless the applicant shall have sustained a good moral character, settled all college bills, and returned all books and paid all fines to the library.

If a student shall marry during his course of study, he thereby dissolves his connection with the University. The question of readmission is subject to the discretion of the Faculty, but in no case shall he be allowed to reenter his class.

The Registrar is authorized, if requested in writing so to do by the parent or guardian of any student, to send regularly term by term the average grade of such student in each subject, together with the hours per week, as soon as possible after the close of the term. He may also, upon request, give to a student, or to his parent or guardian, his grade in any subject; and also his average grade for any specified term or year. The grades are to be indicated as follows: Grade A, 9 and upward on the scale of 10; Grade B, 8–9; Grade C, 7–8; Grade D, 6–7. F indicates failure.

For special information regarding diligence and deportment, application may be made to the President.

STUDENTS

GRADUATE STUDENT

Clayton Gaston Mabey, B. S. History and English Literature	*Fleming*

SENIOR CLASS

Thomas Allen	I	*Belchertown, Mass.*
Louis Edmund Bird	II	*Victory*
Ralph Potter Bliss	II	*Auburn*
William Wallace Bullock	II	*Crosby*
Arthur Cowin Cady	I	*Rozetta, Ill.*
John Daboll Webster Chester	I	*Noank, Conn*
Frank Ferris Dunham	I	*Owego*
George Everett Eldred	II	*Hamilton*
Nat Frame	I	*Belleville*
Berton Anson Garrett	II	*Ballston Spa*
Stephen Holden, Jr.	I	*Sherburne*
Francis Ulysses Kohler	I	*Fairport*
Elbert Hilles Loyd	II	*Gloversville*
Walter Clark Mason	I	*Tura, Assam*
Fred John Nevinger	III	*Johnsonburg*
Charles Herbert Oliver	I	*Buffalo*
Homer Lockwood Post	I	*Owasco Lake*
Cornelius Edward Schaible	I	*Brooklyn*
George William Strobel	II	*Ohio*
Stuart Root Treat	II	*Auburn*
Charles Earl Walters	II	*Beaver Dam, Wis.*
Seymour Bennett Weller	II	*Montour Falls*

JUNIOR CLASS

Oswald Theodore Avery	I	*New York*
George Lionel Bennett	I	*Clayton*
Thomas Edward Boswell	I	*Shelbyville, Ky.*
Henry Eltinge Breed	III	*Cornwall*
Aretus P Burroughs	III	*New Albion*
Robert W Burroughs	I	*New Albion*
Daniel Webster Chester	I	*Noank, Conn.*
Walter Concemore Cramp	I	*Oneida*
William Mason Denison	I	*Montrose, Pa.*
Emry Jay Dunklee	I	*Wyalusing, Pa.*
George Charles Embody	III	*Auburn*
Leland Delos Fosbury	I	*Sidney*
Harry Emerson Fosdick	I	*Buffalo*
Harry Schuyler Foster	II	*Sing Sing*
Herbert Ernest Hatchman	I	*West Troy*
Charles Henry Herrick	II	*Canton*
James David Howlett	I	*Lewiston, Me.*
Edward David Mitchell	I	*Philadelphia, Pa.*
Charles McKenzie Newton	I	*Bangor, Wis.*
William More Parke	I	*Gloversville*
William Lord Root	III	*Hamilton*
Frank Shields Ruland	I	*Sidney*
Judson Smith Rumsey	I	*Cattaraugus*
John Manville Sayles	I	*Mexico*
Lewis Jerome Smith	III	*Sandy Hill*
Frank Seymour Squyer	I	*Auburn*
William Thayer Tower	I	*Cortland*
Louis Harmon Watkins	II	*Montour Falls*
Henry Russell Westcott, Jr.	I	*Albany*
Harold Orville Whitnall	II	*Syracuse*

SOPHOMORE CLASS

George LeRoy Buck	II	*Sugar Hill*
Frank Pores Bussell	I	*Sparland, Ill.*
Henry Raymond Dalrymple	I	*Worcester, Mass.*
George Calvin Dapson	I	*Oneida*
Ernest Lamott Elliott	I	*Brookfield*
Walter Dalton Estes	I	*Hamilton*
Arthur J Evans	I	*Elton*
Herbert Francis Evans	II	*Highland Park, Ill.*
John Garvin Foote	II	*Belvidere, Ill.*
Frederic Reynolds Ford	III	*Elmira*
Nelson Lewis Greene	I	*Hamilton*
Ernest Arthur Hall	I	*Euclid*
William Thomas Henry, Jr.	I	*Elmira*
Jonathan Holden	I	*Sherburne*
Charles Abel Howland	II	*Blackinton, Mass.*
Forest Preston Hunter	I	*Kenmore*
Sherman Jones	I	*Hamilton*
Herbert Wheeler Marean	I	*Brookland, D. C.*
*Claudius Andrew Marsh	I	*North Brookfield*
Emmett Carpenter Miller	I	*Horseheads*
Edward Albert Parker	II	*Springfield, Mass.*
Charles Belding Phipps	III	*East Rockaway*
Jarvis Alexander Root	II	*Hamilton*
Horace W B Smith	I	*Phœnix*
Charles Henry Strong	I	*Hartford, Conn.*
Earl Vincent Sweet	I	*Phœnix*
Thomas Longland Thompson	I	*Alpena, Mich.*
Leon Masters Waite	I	*Belleville*
John Ambler Williams	II	*Brooklyn*
George Henry Young	I	*Redworth, Eng.*

*Died October 18, 1898.

FRESHMAN CLASS

John Atanasoff	II	*Omarchovo, Bulgaria*
George Llewellyn Barden	I	*Gage*
Emery Andrew Bauer	III	*Herkimer*
Fred Wahn Beal	II	*Hamilton*
Ivan Howland Benedict	II	*Waterbury, Conn.*
Lewis Jay Bingham	II	*Spencer*
Roscoe David Brownell	I	*Fruit Valley*
Charles Frank Bullock	I	*Crosby*
Irving Bundy	I	*Osage, Iowa*
Robert Merle Dougall	II	*Phœnix*
Clarence Edwin Ford	I	*Camden*
Albert Henry Gage	I	*Worcester*
Robert Judson Goff	III	*Cazenovia*
Samuel Monroe Graves	I	*Rice's*
Eric Viele Greenfield	I	*Durhamville*
Hubert Winfield Hess	I	*Masonville*
Halstead Howe Leggett	I	*Gouverneur*
George Burton Marston	II	*Albany*
James Edgar Miller	I	*Eaton*
John Mooshie	II	*Urmia, Persia*
Ezra Minor Morse	I	*Watkins*
Edwin Knapp Munro	III	*Camillus*
John Leonard Oaks	I	*Randallsville*
Wilson Newton Perkins	I	*Adams Center*
Eugene Christopher Platner	I	*Cherry Valley*
Frank Porter	I	*Boonville*
Walter Ratcliffe Randall	I	*Troy*
Avon Charles Remington	I	*Winsted, Conn.*
George Henry Smith	III	*Hamilton*
Charles Sleeper Sterling	II	*Millport*
George Brewster Swan	II	*Beaver Dam, Wis.*

Daniel Joseph Sweeney	I	*Hamilton*
Nelson Ervin Thomas	I	*Lewiston, Me.*
Maurice William Williams	I	*Durhamville*
Zhelasco Petroff Zhelascoff	II	*Hamilton*

SPECIAL STUDENTS

Robert Huntington Breed	*Cornwall*
Robert Leonard Gurney	*St. Louis, Mo.*
Benjamin Calvin Harvey	*Burden*
Harry Shreve Higgins	*Bordentown, N. J.*
Hugh Ross McMillan	*Maple Lake Sta., Ont.*
Myron Reed Walker	*Milwaukee, Wis.*
Fred Curtis Whitfield	*Oneida*

SUMMARY

Graduate Student	1
Seniors,	22
Juniors,	30
Sophomores,	30
Freshmen,	35
Special Students,	7
Total,	125

COMMENCEMENT WEEK

JUNE 12–16, 1898

SUNDAY

10:30 A. M. Baccalaureate Sermon by Professor John Greene, Ph. D.

7:30 P. M. Sermon before the Theological Seminary, by Rev. Samuel H. Greene, D. D., of Washington, D. C.

MONDAY

3:00 P. M. Kingsford Prize Declamations

8:00 P. M. Concert of Glee, Banjo, and Mandolin Clubs

TUESDAY

10:30 A. M. Graduating Exercises of the Colgate Academy

3:30 P. M. Class of 1884 Prize Debate

5:00 P. M. Business Meeting of the Phi Beta Kappa

7:30 P. M. Eighty-first Anniversary of the Baptist Education Society of the State of New York. Annual Address by President B. L. Whitman, D. D., of Columbian University, Washington, D. C.

WEDNESDAY

10:30 A. M. Seventy-eighth Anniversary of the Theological Seminary. Address to the class by Professor Maynard

7:30 P. M. Address before the Colgate Chapter of Phi Beta Kappa, by Rt. Rev. Henry C. Potter, D. D., of New York

8:30 P. M. University Reception in the Gymnasium

THURSDAY

9:30 A. M. Meeting of the Colgate University Alumni Association

10:00 A. M. University Commencement

1:00 P. M. Alumni Dinner

COMMENCEMENT EXERCISES

THURSDAY, JUNE 16, 1898

INVOCATION

MUSIC

Oration - - - The Legacy of the Scotch-Irish to America
William Walker Barker

Oration - - - The Guarantees of Anglo-Saxon Freedom
Hiram Loren Fassett

Oration - - - The Need of Conservatism in Literature
Howard Marvin Gaylord

Oration - - - - - - - - The American Sailor
Frederick Charles Hicks

MUSIC

*Oration - - - - The Future of Russian Imperialism
Matthew Francis Hyland

Oration - - - - - Our New Colonization Policy
Frederick Bird Jones

Oration - - - - - General Charles George Gordon
Ernest Arthur Prentice

Oration - - - - The Pioneer of Religious Freedom
Charles Hatch Sears

MUSIC

Oration - - - - - - The Anglo-Saxon Alliance
Edwards Hargrave Smith

Oration - - - - - - - - - Dreyfus and Zola
Jeremiah McKay Thompson

Oration - - - - - The Dismemberment of China
Fred William Tomlinson

MUSIC

CONFERRING OF AWARDS AND DEGREES

BENEDICTION

---

*Excused

HONORS

DEGREES

Conferred June 16, 1898

A. B.

Ulysses Fayette Axtell
William Walker Barker
Frederick Valentine Emerson
William Walter Grant
Stephen Sanborn Huse, Jr.
Ernest Arthur Prentice
Alpheus Bruce Reynolds
Lawrence Bradley Stevens
Franklin Luther Barker
Stephen Judson Early
Hiram Loren Fassett
Asa Zadel Hall
Frederick Bird Jones
Edwin Merrill Randolph
Charles Hatch Sears
John Moore Stiles
Fred William Tomlinson

Ph. B.

John Gooding Carpenter
Howard Marvin Gaylord
Matthew Francis Hyland
Harry Meeker Sheldon
Merton Ernest Stubbs
Spencer James Ford
Frederick Charles Hicks
Edgar Alexander Lewis
Edwards Hargrave Smith
Jeremiah McKay Thompson

B. S.

Irving Bacon
Joseph Finton Bullock
Harry Herbert Hays
Theodore French Brookins
Fred Pratt Ernsberger
Clayton Gaston Mabey

B. D.

George Durward Adams, A. B.
Daniel Hunt Clare, A. B.
George Henry Carr, A. B.
Dwight Dana Harmon, A. B.

A. M.

Dill Bronson Smith, A. B.
John Wellington Finch, A. B.

HONORARY

D. D.

Rev. Robert Taylor Jones, A. M., Class of '73, Ithaca
Rev. Alvah Wayland Bourn, A. M., Class of '76, Gloversville
Rev. Warren Graham Partridge, A. M., Class of '78, Cincinnati, O.

LL. D.

Albert Harris Mixer, A. M., Class of '48, Rochester

PRIZES

THE LEWIS COMMENCEMENT ORATION PRIZE

Edwards Hargrave Smith

Committee of Award :

Rev. Robert Taylor Jones, D. D., Ithaca
Hon. Edwin H. Risley, Utica
Rev. Adelbert Chapman, Cortland
Rev. W. H. Main, Syracuse
Rev. J. Byington Smith, D. D., Fayetteville

THE EUGENE A. ROWLAND ORATORICAL PRIZE

Edwards Hargrave Smith

Committee of Award :

Rev. A. H. Rogers, Hamilton
Professor John Greene, Ph. D., Hamilton
Professor Melbourne Stuart Read, Ph. D., Hamilton

THE JUNIOR ORATION PRIZES

Stuart Root Treat, First
Homer Lockwood Post, Second

Committee of Award :

President Nathaniel Butler, D. D., Colby University
William E. Weed, Utica
Professor Albert Perry Brigham, Hamilton

THE CLASS OF 1884 DEBATE PRIZES

Edwards Hargrave Smith, First
Jeremiah McKay Thompson, Second

Committee of Award :

Rev. Charles H. Watson, D. D., Arlington, Mass.
Willis E. Ford, M. D., Utica
Rev. Andrew K. Fuller, D. D., Newburgh

THE LAWRENCE CHEMICAL PRIZES

Elbert Hilles Loyd, First
Frederick Bird Jones, Second

Committee of Award :

Herbert E. Nims, A. M., Newburyport, Mass.

THE LASHER ESSAY PRIZES

Charles Earl Walters, First Charles Herbert Oliver, Second

Committee of Award:

Professor Leverett W. Spring, D. D., Williams College

THE ALLEN ESSAY PRIZES

Harry Emerson Fosdick, First George Lionel Bennett, Second

Committee of Award:

Professor Milton Haight Turk, Ph. D., Hobart College

THE OSBORN MATHEMATICAL PRIZES

Fred John Nevinger, First Arthur Cowin Cady, Second

Committee of Award:

Herbert E. Slaught, Ph. D., The University of Chicago

THE BALDWIN GREEK PRIZES

CLASS OF 1898

Ernest Arthur Prentice, First Frederick Bird Jones, Second

Committee of Award:

Professor J. I. Monatt, Ph. D., Brown University

CLASS OF 1899

Cornelius Edward Schaible, First Charles Herbert Oliver, and Everett Joseph Parsons, Second

Committee of Award:

Professor Paul Shorey, Ph. D., The University of Chicago

CLASS OF 1900

Harry Emerson Fosdick, First Frederick Charles Parker, Second

Committee of Award:

Professor J. R. Wheeler, Ph. D., Columbia University

THE SOPHOMORE LATIN PRIZES

Harry Emerson Fosdick, First George Lionel Bennett, Second

Committee of Award:

Professor Henry F. Burton, A. M., University of Rochester

THE KINGSFORD DECLAMATION PRIZES

CLASS OF 1899

Walter Clark Mason, First Elbert Hilles Loyd, Second

CLASS OF 1900

John Manville Sayles, First — Oswald Theodore Avery, Second

CLASS OF 1901

Sherman Jones, First — Forest Preston Hunter, Second

Committee of Award:

Rev. A. T. Dunn, D. D., Waterville, Me.
Rev. A. W. Cady, Boonville
Rev. S. J. Douglass, Oneonta

THE DODGE ENTRANCE PRIZES

CLASS OF 1902

Awarded to students prepared for college at Colgate Academy:

Ezra Minor Morse, First — Daniel Joseph Sweeney, Second
John Leonard Oaks, Third

Awarded to student prepared elsewhere than at Colgate Academy:

Nelson Ervin Thomas, prepared at Coburn Classical Institute, Waterville, Me.

PHI BETA KAPPA

The following were admitted to the Phi Beta Kappa Society:

CLASS OF 1898

Frederick Bird Jones — Ernest Arthur Prentice

CLASS OF 1886

Fred Volney Lester

ALUMNI ASSOCIATION

The membership of this Assocation consists of graduates from any one of the collegiate or theological courses of study in Colgate University, and of such persons as have received honorary degrees from the University, and who, after application, are elected at the annual meeting. It also includes associate members duly elected at the annual meeting.

OFFICERS FOR 1898-1899

President

Rev. A. T. Dunn, D. D., '73, Waterville, Me.

Vice-Presidents

Rev. W. A. Granger, D. D., '74, Mt. Vernon
Rev. G. H. Hubbard, D. D., '75, Auburn
Rev. E. H. Lovett, '77, Davenport, Ia.
G. W. Douglass, '88, Brooklyn

Secretary

Charles W. Underhill, Esq., '62, Hamilton

Treasurer

Professor J. M. Taylor, LL. D., '67, Hamilton

Necrologist

Professor John Greene, Ph. D., '73, Hamilton

CALENDAR

1898		
Sept.	8,	Opening of Fall Term
Nov.	8,	Election Day, a Holiday
Nov.	24-26,	Thanksgiving Recess
Dec.	16,	Close of Fall Term
		VACATION
1899		
Jan.	10,	Opening of Winter Term
Jan.	13,	Eugene A. Rowland Prize Orations due
Jan.	14,	Special Examinations
Jan.	26,	Day of Prayer for Colleges
Jan.	28,	Junior Prize Orations due
Feb.	17,	Eugene A. Rowland Oratorical Prize Exhibition
Feb.	22,	Washington's Birthday, a Holiday
Mar.	17,	Junior Oratorical Exhibition
Mar	24,	Close of Winter Term
		VACATION
Apr.	4,	Opening of Spring Term
Apr.	8,	Lawrence Chemical Prize Examination
Apr.	15,	Sophomore Latin Prize Examination
Apr.	15,	Lasher Prize Essays due
Apr.	15,	Allen Prize Essays due
Apr.	21,	Patrons' Day
Apr.	22,	Osborn Mathematical Prize Examination
May	11,	Commencement Orations due
May	27,	Baldwin Greek Prize Examination
May	30,	Memorial Day, a Holiday
June	16,	College work closes
June	19-20,	First Entrance Examinations
June	18-22,	Exercises of Commencement
		VACATION
Sept.	14,	Opening of Fall Term
Sept.	14-16,	Second Entrance Examinations
Sept.	16,	Special Examinations
Nov.	7,	Election Day, a Holiday
Nov. 30-Dec. 2,		Thanksgiving Recess
Dec.	22,	Close of Fall Term

THE CAMPUS

COLGATE UNIVERSITY

THE COLLEGE

THE ANNUAL CATALOGUE

1899-1900

HAMILTON, N.Y.

1899

THE REPUBLICAN PRESS
HAMILTON, N. Y.

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THE UNIVERSITY CORPORATION

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Professor Philetus B. Spear, D. D., Hamilton
Rev. Edward Lathrop, D. D., New York
Hosmer H. Keith, Esq., Sioux Falls, S. D.
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James C. Colgate, Secretary
William M. West, Treasurer

EXECUTIVE COMMITTEE

Edward Lathrop
Albert S. Bickmore
James C. Colgate
Henry M. Sanders
Gardner Colby

UNIVERSITY FACULTY

George Edmands Merrill, D. D.,
President

Philetus Bennett Spear, D. D.,
Professor Emeritus of Hebrew and Latin

Newton Lloyd Andrews, Ph. D., LL. D.,
Professor of the Greek Language and Literature,
Lecturer on the History of Art

James Morford Taylor, LL. D.,
Professor of Mathematics

William Hale Maynard, D. D.,
Professor of Ecclesiastical History

Sylvester Burnham, D. D.,
Professor of Old Testament Interpretation,
Dean of the Theological Faculty

Joseph Frank McGregory, A. M., F. C. S.,
Professor of Chemistry and Mineralogy

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Dean of the College Faculty

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Professor of Latin

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J. J. Joslin Professor of Christian Theology

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Professor of French and German

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Professor of Geology and Natural History,
Curator of the Museum

David Foster Estes, D. D.,
Professor of New Testament Interpretation,
Librarian

Arthur Jones, D. D.,
Perry Professor of Homiletics

Ralph Wilmer Thomas, A. M.,
Professor of Rhetoric and Public Speaking,
Registrar

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Professor of Philosophy

Charles Worthen Spencer, A. B.,
Professor of History

Frank Lucius Shepardson, A. M.,
Principal of Colgate Academy

George Ricker Berry, Ph. D.,
Professor of Semitic Languages

Clement Dexter Child, Ph. D.,
Associate Professor of Physics

Frank Carman Ewart, A. M.,
Associate Professor of Modern Languages

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Associate Professor of Modern Languages

George Wheelock Banning, M. D.,
Director of the Gymnasium,
Instructor in Physiology and Hygiene

Wayland Morgan Chester, A. M.,
Instructor in Biology

Clarence Darwin Kingsley, B. S.,
Assistant in Mathematics

Roy Burnett Smith, B. S.,
Assistant in Chemistry

David Foster Estes,
Librarian

May Frances Smith,
Assistant Librarian

Virginia Appleton Willson,
Curator of the Baptist Historical Collection

Lant Gilmartin,
Janitor

THE COLGATE LIBRARY

INSTRUCTION

COURSES

The College provides three distinct and parallel courses of instruction leading to the Bachelor's degrees :

I. The Course in Arts, requiring Latin and Greek for matriculation, and leading to the degree of Bachelor of Arts.

II. The Course in Letters and Philosophy, requiring Latin or Greek, and German or French, for matriculation, and leading to the degree of Bachelor of Philosophy.

III. The Course in Letters and Science, requiring for matriculation certain scientific subjects, together with at least four years study in German, French, and Latin, or in any two of them, and leading to the degree of Bachelor of Science.

Each of these Courses extends over four years, and consists of prescribed and elective studies in language and literature, mathematics, natural science, history and political science, art, and philosophy. Every student is required to have not less than an average of seventeen hours of work per week in each year, except that in the third term of the Senior Year only twelve hours are required. In Courses I and II, all the work of the first four terms is prescribed, and fourteen hours of the fifth and sixth terms. In Course III, all the work of the first two years is prescribed. In the Junior Year, each of the courses has five hours of prescribed work. All the work of the Senior Year is elective.

The following is a detailed statement of the courses of instruction in the several departments of the College, prepared by the respective officers. The Courses described above are designated throughout by Roman numerals : department courses by Arabic numerals. Unless otherwise stated, each department course occupies one term.

LATIN

The work of this department is intended to enable the student to read Latin with rapidity and accuracy, and to acquire, through the literature as far as possible, definite ideas of Roman life and culture. In the work of the first year, the essentials of syntax are reviewed and illustrated by exercises in prose composition based on Ciceronian Latin. Those who come so well prepared as not especially to need this work will be allowed under proper oversight to substitute extra reading, such as Cicero's Brutus, or selections from the historians.

In the later courses, careful attention is given to the development of the language and literature, to the debt of the English language to the Latin tongue, and of all modern literatures to its great classics.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Cicero's Cato Major and Laelius. Prose composition and sight-reading. *Fall Term, three hours.*

2. Livy. Special attention is given to the characteristics of this author as a new force in Latin literature. *Winter Term, three hours.*

3. The Odes of Horace. The principal metres are carefully studied, and (partly in connection with course 4) the Odes entire are read in the class-room. *Spring Term, three hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. Satires and Epistles of Horace. The portions selected are grouped about significant topics so as to set the character of Horace, his literary canons, and the customs of his time in as vivid a light as possible. Upon these writings as a basis, essays are prepared by members of the class, dealing with interesting topics connected with the life and works of Horace.

About one-fourth of the time during this course is given to the History of Roman Literature. *Fall Term, four hours.*

5. Cicero's Letters. (Abbott's edition.) Upon this work a prize examination is set on the second Saturday of the Spring Term. Those who enter this contest are excused from the regular final examination. *Winter Term, three hours.*

6. Quintilian. Books X and XII. The sane literary judgments and high ideals of character and culture put forward by the author give a unique value to this course. This course will be offered in 1902. *Spring Term, three hours.*

7. The Shorter Works of Tacitus. Of the three famous pieces, Dialogus de Oratoribus, Germania, and Agricola, two are selected as the basis of this course. Offered the present year. *Spring term, three hours.*

8. Satires of Juvenal. This course will be offered in 1901. *Spring Term, three hours.*

Greek or Mathematics may be substituted for courses 5–8 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

9. Methods of Secondary Instruction in Latin. Attention will be given in lectures and discussions to the merits of rival methods, to the best means of acquiring a vocabulary, of introducing and expounding the more difficult portions of Syntax, and of counteracting the tendency to use improper helps.

There will be practical work by members of the class in conducting recitations in the authors usually read in preparatory schools, and exercises in sight-reading. This course will be offered in 1900. *Fall Term, two hours.*

10. The Latin Fathers. This course is practically an introduction to patristic Latin. Lectures upon the peculiarities of ecclesiastical prose are followed by reading as widely as time allows. Latin hymnology is also briefly considered. This course is offered the present year. *Fall Term, two hours.*

11. Plautus and Terence. Historical Syntax. Different plays are read from year to year, so that these authors may be

studied for two terms by those who so desire. *Winter Term, three hours.*

12. Selections from Cicero's Philosophical Works, together with a study in outline of the systems of Philosophy prevalent in his time. *Spring Term, three hours.*

GREEK LANGUAGE AND LITERATURE

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES I AND II

1. Lysias. Selected orations. Greek composition. Sight-reading in Xenophon's Hellenica. *Fall Term, three hours.*

2. Plato's Apology and Crito. Greek composition. Sight-reading in Xenophon's Memorabilia. *Winter Term, three hours.*

3. Odyssey and Lyric Poets:—Selections. The Homeric question. Outline sketch of Greek literature. *Spring Term, three hours.*

SECOND YEAR

FOR SOPHOMORES IN COURSES I AND II

4. The Tragedies. Æschylus and Sophocles. Two plays, with readings from other tragedies. History of Greek drama. Essays. *Fall Term, five hours.*

5. Demosthenes. Oration on the Crown, or Olynthiacs and Philippics. The development of oratory. Legal procedure and political institutions of the Athenians. *Winter Term, three hours.*

6. Thucydides. Books VI and VII. His characteristics as an historian and his political philosophy. Studies of Athenian statesmen. *Winter Term, three hours.*

Courses 5 and 6 are offered in alternate years.

7. Euripides and Aristophanes. Medea or Hippolytus. Acharnians or Frogs. Sight-reading in Lucian. *Spring Term, three hours.*

Latin or Mathematics may be substituted for courses 5–7 by students in Courses I and II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

8. Hellenistic Greek. Selections from the New Testament or the Septuagint, studied chiefly in comparison with the Attic language. *Fall Term, two hours.*

9. Theocritus. Study of the dialect, and of the place of the Idylls in literature. *Fall Term, two hours.*

Courses 8 and 9 are offered in alternate years.

10. Plato and Aristotle. The Phædo of Plato or selections from his Republic, and portions of the Ethics of Aristotle are offered in alternate years, and are studied with special regard to their philosophic content. *Winter Term, three hours.*

11. History of Greek Philosophy. Open to Juniors in all courses. Weber's text-book is used, with lectures by the Professor, and essays by members of the class. *Spring Term, three hours.*

12. Modern Greek. At the convenience of the officer a class may be organized, using Gardner's Grammar and some current Athenian newspaper.

SEMITIC LANGUAGES

ELECTIVE WORK

FOR JUNIORS AND SENIORS

1. Hebrew. Orthography and morphology of the Hebrew language; composition in Hebrew; translation and study of Genesis; Hebrew syntax. *Three terms, four hours.*

2. History of Egypt. This course will be given in 1899, and repeated in 1901. *Fall Term, two hours.*

3. History of Babylonia and Assyria. This course will be given in 1900, and repeated in 1902. *Winter Term, two hours.*

The remaining courses in Hebrew and the other Semitic languages offered in the catalogue of the Theological Seminary are open to students who have previously taken course 1.

MODERN LANGUAGES

It is the aim of this department: first, to give the student a technical knowledge of the German and French languages sufficient to read them with facility and accuracy; second, to present to the student the general idea of the literary history of each language with a detailed statement of special important epochs; third, by occasional lectures, illustrated by the stereopticon, to give the student some idea of the cities, customs, and life of the people whose language is studied; and also to show the prominent place given to German literature in German art.

GERMAN

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSES II AND III WHO HAVE HAD NO GERMAN, AND FOR SOPHOMORES IN COURSE I

1. Elementary Course. Grammar. Practice in pronunciation and in memorizing short selections, systematic drill in grammar, with special reference to syntax. Rapid reading of modern works of fiction, including selections from such authors as Hauff, Heyse, Storm and Auerbach. Composition. *Three terms, three hours.*

SECOND YEAR

IN COUSES II AND III, FOR FRESHMEN WHO PRESENTED GERMAN FOR ADMISSION, AND FOR SOPHOMORES

2. Minor German Classics. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. Lessing's Minna von Barnhelm, and Nathan der Weise. *Fall Term, three hours.*

4. Schiller's Maria Stuart, or Jungfrau von Orleans, and Wilhelm Tell. Lectures, some of them illustrated by stereopticon views, on the important works of Schiller. Essays by the class on topics connected with the reading. *Winter Term, three hours.*

5. The Literature of the Nineteenth Century. The purpose of this course is to acquaint the student with some of the best recent literature, and the works read will vary from year to year. Occasional lectures. Essays by members of the class. *Spring Term, three hours.*

FOURTH YEAR

FOR JUNIORS AND SENIORS WHO HAVE HAD AT LEAST TWO YEARS' WORK IN GERMAN

6. Goethe's Faust. Essays on literary and philosophical subjects suggested by the reading. Lectures accompanied by stereopticon illustrations. Offered only in alternate years. *Fall Term, three hours.*

7. German Composition and Conversation. *Winter Term, three hours.*

8. Lyric Poetry. *Spring Term, three hours.*

9. Middle High German. Elements of the grammar. Readings from the leading literary productions of the Middle Ages. *Fall Term, three hours.*

10. Gothic. Braune and Balg's Gothic Grammar. Balg's Gothic Bible. *Winter Term, three hours.*

FRENCH

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Systematic Drill in Grammar, with special reference to syntax. Rapid reading of selections from such authors as Souvestre, Mérimée, and Feuillet. Composition.

This course extends through the entire year and is designed

as a foundation for acquiring a technical knowledge of the French language, and as an introduction to French literature. *Three terms, three hours.*

SECOND YEAR

IN COURSES II AND III, FOR FRESHMEN WHO PRESENTED FRENCH FOR ADMISSION, AND FOR SOPHOMORES

2. Minor French Classics. Review of the grammar. Rapid reading of standard prose and poetry. The authors read will vary from year to year. Composition. *Three terms, three hours.*

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS AND SENIORS

3. The French Classic Drama. The class will read selected works from Corneille, Racine, and Molière. *Fall Term, three hours.*

4. Victor Hugo and the Romantic School. *Winter Term, three hours.*

5. French Composition. *Spring Term, three hours.*

ENGLISH LITERATURE

The objects sought in this department are mainly the following: first, a general knowledge of the historical development of the literature; second, a particular acquaintance with the great literary periods and with the most prominent authors in each; third, an understanding of the principles of literary criticism and of the laws that underlie the various forms of literary art; fourth, a scientific knowledge of the origin and development of the English language. These objects are sought, not merely for their own sake, but as the means of developing a broad culture and a thorough appreciation of a great literature.

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES IN ALL COURSES

1. Chaucer. Studied as the first great English poet, with

special reference to the literary characteristics of his work. *Winter Term, two hours.*

2. Elizabethan Poetry. The non-dramatic poetry of the age is studied through the masterpieces of representative authors. This course and the preceding are made the basis for the study of the fundamental principles of literary art. *Spring Term, five hours.*

ELECTIVE WORK

SECOND AND THIRD YEARS

FOR JUNIORS AND SENIORS

3. Elizabethan Drama. A historical and critical study of the dramatic work of Shakspere and his contemporaries. Representative dramas are analyzed and discussed; and the development of dramatic art is traced. *Fall Term, three or five hours.*

4. Eighteenth Century Poetry. From Dryden to Burns. Representative poems are carefully studied; and the development of the poetry of the age through its various phases is investigated. *Winter Term, three or five hours.*

5. Nineteenth Century Poetry. Wordsworth to Tennyson. Individual characteristics are noted; changes in the spirit and method of poetry are investigated; and attention is drawn to the relation of these changes to the political, social, and intellectual movements of the age. *Spring Term, three hours.*

6. Prose Literature. From the age of Elizabeth to the end of the eighteenth century, as shown in selected masterpieces from the great prose writers. Special study of the prose romance and the essay. *Fall Term, three or five hours.*

7. Prose Literature. Nineteenth century. Special study of the essay and the novel. *Winter Term, three or five hours.*

8. American Literature. A study of the general development of American literature, of the characteristics of its various forms and classes, and of the representative works of leading authors in its various departments. *Spring Term, three hours.*

9. Anglo-Saxon. Elementary course. The grammar of the language is studied, and special attention is given to acquiring facility in the reading of easy Anglo-Saxon prose. The relation of Anglo-Saxon to modern English is emphasized. *Fall Term, two hours.*

10. Anglo-Saxon. Rapid reading of prose selections. In this and the succeeding course different selections are read in alternate years, thus affording an opportunity for the student to take each course for two successive years. *Winter Term, two hours.*

11. Anglo-Saxon. Reading of poetical selections. Outlines of Anglo-Saxon literature. *Spring Term, two hours.*

THIRD YEAR

FOR SENIORS

12. Middle English. Twelfth to fourteenth centuries. History of the development of the English language. Outlines of Middle English literature. *Fall Term, three hours.*

Courses 1 and 2 must precede the other literary courses. Students are strongly urged to take elective courses in chronological order. Courses 6, 7, and 8 will be given in alternate years with courses 3, 4, and 5 respectively.

RHETORIC AND PUBLIC SPEAKING

In the department of Rhetoric and Public Speaking, the following courses are offered:

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN

1. Rhetoric. A study of the subjects of style and invention. Recitations, written exercises, and occasional lectures. Essays are required, and receive criticism. *Three terms, three hours.*

Opportunity is given throughout the college course for students to engage in newspaper work. The Colgate Press Club is allied to the department of Rhetoric. It includes in its membership correspondents of daily and weekly papers. The theories of newspaper writing are taught in the courses in Rhetoric; practice is obtained by correspondence submitted to the editors of the various papers represented in the Press Club.

2. Public Speaking. Class exercise in declamation and criticism. Each member of the class is required to deliver one declamation, in preparation for which he receives special drill. *Fall term, one hour.*

3. Public Speaking. Weekly exercises in declamation are held in the college chapel, and are attended by the Junior, Sophomore, and Freshman classes. Each speaker receives special drill in preparation for the public delivery of his declamation. *Winter and Spring Terms, one hour.*

SECOND YEAR

FOR SOPHOMORES

4. Public Speaking. Elocution and Voice Culture. A study of breathing, diaphragmatic action, articulation, pronunciation, vocal expression, and interpretation. *Fall Term, one hour.*

5. Public Speaking. Weekly exercises in declamation. Continuation of course 3. *Winter and Spring Terms, one hour.*

THIRD YEAR

FOR JUNIORS

6. Public Speaking. A course in the composition and delivery of orations. The principles of this form of composition are studied, and each student is required to present an original oration which is freely criticised, and is then delivered from manuscript before the class. *Fall term, two hours.*

7. Public Speaking. The composition and delivery of orations. Each student is required to deliver an original oration each term, before the audience indicated in course 3. *Winter and Spring Terms, two hours.*

ELECTIVE WORK

FOR JUNIORS

8. Public Speaking. A course in debate. *Fall and Winter Terms, two hours.*

FOURTH YEAR

FOR SENIORS

9. Public Speaking. A course in debate. *Fall and Winter Terms, two hours.*

In courses 8 and 9 opportunity will be given for the practical application of the principles of argumentation, and instruction will be given in the public delivery of argumentative addresses. These courses are designed to make the student familiar with the elementary principles of parliamentary procedure, while at the same time they give ample opportunity for both prepared and extemporaneous debate.

MATHEMATICS

The courses of study in this department begin with the Freshman year, and may be continued, as required or elective studies, throughout the entire undergraduate course. Textbook work is supplemented by lectures.

The aim of the instruction is to form habits of accurate and precise expression, and to develop the power of independent and logical thinking, as well as to teach the methods and principles of each subject.

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE I

1. Geometry. Solid and spherical; exercises in geometrical invention and applications; theory of limits. Beman and Smith's Geometry. *Fall Term, three hours.*

2. Algebra. Functional notation; derivatives of algebraic, logarithmic, and exponential functions; development of

functions in series; convergency of series; theory and computations of logarithms; permutations, combinations, and probability; theory of equations; graphic algebra. Taylor's College Algebra. *Winter Term, four hours.*

3. Plane Trigonometry. The theory of the trigonometric ratios; trigonometric identities and equations; the solution of plane triangles both with and without logarithms; graphs of the trigonometric ratios. *Spring Term, four hours.*

FOR FRESHMEN IN COURSES II AND III

1*a*. Geometry and College Algebra. Conic sections; geometrical invention; systems of equations; applications of the theory of limits; permutations and combinations; probabilities; incommensurable numbers; derivatives; expansion of functions. *Fall Term, four hours.*

2*a*. Algebra and Trigonometry. Series; logarithms; theory of equations; determinants; graphic algebra; the theory of the trigonometric ratios, trigonometric equations and identities. *Winter Term, four hours.*

3*a*. Trigonometry. Solution of plane triangles; computation of trigonometric ratios; DeMoirve's theorem; hyperbolic functions. *Spring Term, four hours.*

SECOND YEAR

FOR SOPHOMORES

4. Analytic Geometry. The straight line and conic sections. *Fall Term, four hours.*

5. Calculus. Differentiation by rates and practical applications to tangents, etc.; differentiation by limits or infinitesimals; successive differentiation; evaluation of indeterminate forms. *Winter Term, three hours.*

6. Calculus. Indefinite and definite integrals and their application to finding the areas and the lengths of curves, etc.; development of functions in series; maxima and minima; points of inflection; curvature; evolutes; asymptotes. *Spring Term, three hours.*

While designed to lay the foundation for the subsequent course on this subject, courses 5 and 6 are adapted to those also who wish in a short time to gain a clear idea of the methods and problems of the Calculus. Courses 5 and 6 are elective for Sophomores in Course I or II, but are required of Sophomores in Course III.

5*a*. Surveying. Theory of methods and instruments for surveying and leveling; computation of areas, levels, and earth work; map making, including contour lines and railroad location. *Winter Term, three hours.*

6*a*. Surveying. Extension of course 5*a*, including practice in the field with chain, steel tape, surveyor's transit, level, and leveling rod; continuation of map drawing; lettering; use of tracing cloth. *Spring Term, three hours.*

Courses 5*a* and 6*a* are elective for Sophomores in Course I or II.

ELECTIVE WORK

THIRD YEAR

FOR JUNIORS

7. Calculus. A continuation of course 6, embracing the remaining subjects in Taylor's Calculus. *Fall Term, three hours.*

8. Analytic Geometry. Course 4 continued, including a study of the general equations of the second degree with two variables, the plane, the straight line in space, surfaces of the second order, and the general equation of the second degree with three variables. *Winter Term, three hours.*

9. Determinants and Quaternions. Weld's Determinants. Hardy's Quaternions. *Spring Term, three hours.*

FOURTH YEAR

FOR SENIORS

10. Advanced Course in Calculus, or Course in the History of Mathematics. *Fall Term, two hours.*

11. Teachers' Course in Mathematics. *Winter Term, two hours.*

PHYSICS AND ASTRONOMY

PHYSICS

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES

1. Elementary Physics. Instruction in the elements of physics is by lectures in which the general laws of mechanics, heat, acoustics, optics, and electricity and magnetism are presented. The steadily increasing equipment of the department in apparatus makes the demonstration of the larger number of laws possible in lecture-room experiments. The lectures are supplemented by recitations. Rogers's Deductive Physics was used in this course as a text-book in the year 1898–1899.

Students entering this course must have completed Mathematics courses 1–4. *Winter and Spring Terms, five hours.*

Students in Courses I and II may substitute for the above courses 1 and 2 in chemistry. Students making this substitution may elect elementary physics in the Junior Year.

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS AND SENIORS

2. Laboratory Physics. The laboratory practice is devoted to the experimental verification of physical formulæ. The student is taught to use instruments of precision and acquires some knowledge of the simpler methods of manipulation in the making of physical measurements.

Physics course 1 necessarily precedes the laboratory practice; and Mathematics courses 4–6 are recommended to students who intend later to take this course. *Three terms, the number of hours at the option of the student.*

ASTRONOMY

ELECTIVE WORK

FOR SENIORS

1. Astronomy and Astro-Physics. Conducted by lectures

with experiments, and recitations from a text. Physics course 1 should precede this course. *Fall Term, three hours.*

GEOLOGY AND NATURAL HISTORY

The courses in this department are designed to give such knowledge of the several subjects as a scheme of general education requires. It will be seen also that both the geological and the biological courses are so arranged as to give two years of continuous work to those who may wish to teach these subjects or pursue them in a professional way. The instruction is given by lectures and laboratory work. Text-books for supplementary reading are required, with oral and written reviews. Much attention is given to the literature of the subjects, and habits of independent investigation are fostered. The significant questions which subjects in natural history raise at the present time will receive such discussion as may be suitable. Hours for laboratory and field work are arranged after the organization of classes.

GEOLOGY

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

1. Dynamical Geology. The lectures treat of the applications of energy in the making of the earth. The chemical and mechanical work of the atmosphere, the effects of water in rivers, lakes, oceans, subterranean channels, and glaciers, form the earlier subjects of the course. The igneous forces are then studied, as seen in volcanoes, earthquakes, mountain making, and the development of continents. Several lectures are given on the geological work of organisms. The course deals particularly with the development of geographic forms, the evolution of scenery, and the effects of geological forces upon the course of human history. Four half-day excursions are made for the study of surface geology in the vicinity of Hamilton. Scott's Introduction to Geology is used in this course, and also in courses 2 and 3. *Fall Term, three hours.*

2. Lithological and Structural Geology. This course begins with an elementary study of the principal kinds of rocks. The lectures then deal with structural forms, such as stratified, tilted, faulted, and folded rocks, dikes, lava sheets, mineral veins, the general form of the earth, and the structure and topography of continents and mountains, as determined by upheaval and general erosion. *Winter Term, three hours.*

3. Historical Geology. An elementary course, with special reference to students who wish a general understanding of the succession of events in geological time. Among the special topics are: the climate, geography, plants, and animals of the various periods; economical products important in special formations, as fuels, pigments, ores, mineral waters, salt, pottery clays, and building materials; geological time; the last glacial period, the antiquity of man, and the history of geological science. The course includes several field excursions, the accessible localities affording the best opportunities for beginning the study of historical geology. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Paleontology. A study of fossil organisms, their manner of preservation, their value as a geological record, and their systematic relations and succession in time. The appearance and extinction of great groups, and probable ancestry of existing forms are treated, with a critical study of evolution. The history and present state of opinion, and the factors of evolution are made themes for discussion. Laboratory work two hours each week. Course 3 and Biology course 2 are required in preparation. *Fall Term, three hours.*

5. Geology. History of Topography. Two hours seminary work each week, with research, the results to be presented in a thesis. About one-half of the term is occupied with study of the general principles of topographic genesis, such subjects as the adjustment of drainage and the baselevel being treated with especial fulness. For the second half of the term each

student selects a special topic, making report of progress from time to time to the class. The course serves as an introduction to the use of geological literature, and affords much training in the use of maps. *Winter Term, three to five hours.*

6. Geology. Field course. The quaternary geology of a district including fifty square miles in the vicinity of Hamilton, is the usual subject for study. Students carry on field work each week, both with the instructor and independently. All the materials of the drift, with subsequent formations, and the topography as a whole, are investigated in detail, each man presenting a report and map embodying the results of his study. Field problems in paleozoic geology may be assigned if preferred. *Spring Term, three to five hours.*

BIOLOGY

PRESCRIBED WORK

FIRST YEAR

FOR SOPHOMORES IN COURSE III

1. General Biology. This course deals with the simple laws of life and the relations of animals and plants. Practical work is done upon the fern, and either the earth-worm, or the frog, to illustrate the general structure and physiology of plants and animals; and these and other selected forms are made the basis for brief informal discussions of the leading principles of general biology. Instruction is given in the use of the compound microscope and the preparation of objects for microscopic examination. The course is designed as an introduction to the study of zoölogy and botany. *Fall Term, two hours.* (*Four hours' attendance.*)

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

Course 1 above is elective for Juniors in Courses I and II. *Fall Term, three hours.* (*Six hours' attendance.*)

2. General Zoölogy. Lectures and class dissections dealing with the general morphology of the various groups of animals and some of the more evident problems of biological study suggested by each. This course is given as an introduction to the study of animal biology for those who wish to pursue biological work further, as well as for those who desire such general knowledge of the animal kingdom as all educated persons should have. *Winter Term, three hours.* (*Five hours' attendance.*)

3. Vertebrate Zoölogy. This course is open to those who have completed courses 1 and 2. In the laboratory, practical dissection is made of one or more vertebrate forms. The general morphology and classification of the vertebrate groups is made the subject of study in connection with the laboratory work. *Spring Term, three hours.* (*Six hours' attendance.*)

SECOND YEAR

FOR SENIORS

4. Invertebrate Zoölogy. A laboratory course in the dissection of invertebrate forms, with collateral reading, open to those who have had courses 1 and 2. *Fall Term, three hours.* (*Six hours' attendance.*)

5. Invertebrate Zoölogy, Continued. *Winter Term, three hours.* (*Six hours' attendance.*)

6. Embryology. A laboratory course, with lectures and collateral reading, open to those who have had courses 1, 2, and 3. *Spring Term, three hours.*

7. Botany. Laboratory work, lectures, and recitations upon the study of selected cryptogamous plants. This should be taken as a continuation of course 1. *Winter Term, three hours.*

8. Botany. Laboratory, lectures, and recitations upon the study of the flowering plants. The structure and classification of plants, their distribution and economic uses are treated, with attention to the determination of the flowering plants. Gray's Structural Botany and Manual are required. *Spring Term, three hours.*

CHEMISTRY AND MINERALOGY

The aim of this department is to give instruction in the fundamental principles of scientific study and work, and to give the student training in habits of accuracy and observation. A portion of the work is carried on in the class-room by means of text-book and lectures, the remainder in the laboratory, which is equipped with all the apparatus necessary for the study of analytical chemistry.

CHEMISTRY

PRESCRIBED WORK

FIRST YEAR

FOR FRESHMEN IN COURSE III, AND SOPHOMORES IN COURSES I AND II

1. General Chemistry. A course for beginners, extending through the non-metallic elements. About one-half of the time is occupied with experimental lectures, the remainder being devoted to recitations, with frequent examinations. *Winter Term, five hours.*

2. Metallic Chemistry. A continuation of course 1, consisting of about twenty lectures on the metals and their compounds, in connection with practical work in the laboratory. The latter consists of the study of the common reagents and their use in the determination of simple inorganic substances in solution. *Spring Term, five hours.*

Sophomores in Courses I and II may substitute for the preceding courses, course 1 in Physics.

SECOND YEAR

FOR SOPHOMORES IN COURSE III

3. Analytical Chemistry. A course in qualitative analysis in the laboratory, including a short course in blowpipe analysis and the separation of simple inorganic substances in solution. Frequent examinations are given upon the work done, and the whole is supplemented by a short course of lectures on the history of chemistry. *Fall Term, five hours.*

ELECTIVE WORK

SECOND YEAR

FOR JUNIORS

Course 3 above is elective for Juniors in Courses I and II.

4. Analytical Chemistry. An advanced course continuing course 3, and including the qualitative analysis of alloys and minerals, and the study of some of the rare elements. A short course of lectures on theoretical chemistry will be given. *Winter Term, five hours.*

5. Organic Chemistry. A course of lectures on this subject, with experiments, and occasional examinations. *Spring Term, five hours.*

THIRD YEAR

FOR SENIORS

6. Analytical Chemistry. A course in quantitative analysis extending through two terms. It is the aim of this course to make the student familiar with all the important quantitative determinations and separations of the elements. To this end the different methods gravimetric, volumetric, and electrolytic are employed. *Fall and Winter Terms, five hours.*

7. Advanced Analytical Chemistry. This course is a practical application of the principles learned in course 6, and includes the quantitative analysis of minerals. *Spring Term, five hours.*

8. Special Courses. In place of course 7, a course in practical organic chemistry, or some of the simpler courses in technical chemistry may be taken by a limited number of students. *Spring Term, five hours.*

MINERALOGY

ELECTIVE WORK

FOR JUNIORS IN COURSE III, AND FOR SENIORS

1. Systematic Mineralogy. This course includes the study of crystallography, and of the most important physical and chemical properties of minerals employed in their determina-

tion, together with the classification and special study of the more important minerals. *Fall Term, three hours.*

2. Practical Mineralogy. To those who wish to continue the preceding course, practical work is offered to a limited number of students, the aim being to teach the use of instruments and general methods of mineralogical work. *Winter Term, three hours.*

HISTORY

The method of treatment will vary with the subject matter of the courses and the changing needs of those electing them. The use of a text-book, class recitations and discussions, lectures by the instructor, reports on assigned subjects, may all be expected. Course 2 must be preceded by course 1, and, in general, it will be found to be an advantage to follow the courses in the order given. Course 8 is really a course in political science.

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS

1. Introduction to the Middle Ages. From the Barbarian Migrations to the Dissolution of the Carolingian Empire. *Fall Term, three hours.*

2. Feudal Epoch. The Holy Roman Empire to the Fall of the Hohenstaufen. *Winter Term, three hours.*

3. History of England. From the English Conquest to the Tudor Monarchy. Special attention is given to constitutional development. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

4. Renaissance and Reformation. From the Revival of Learning to the Peace of Westphalia. *Fall Term, three hours.*

5. American Constitutional History. This should be preceded, if possible, by course 3. *Fall Term, three hours.*

6. Course 5, continued. *Winter Term, three hours.*

7. French Revolution. From 1789 to the Congress of Vienna. *Winter Term, three hours.*

8. Comparative Government. A comparative study of the structure and workings of the governments of the great modern states. *Spring Term, three hours.*

ECONOMICS

Instruction in this Department is at present given by the Professor of History.

ELECTIVE WORK

FOR SENIORS

1. Elements of Political Economy. *Winter Term, three hours.*

2. Money and Banking. *Spring Term, three hours.*

PHILOSOPHY

PRESCRIBED WORK

FIRST YEAR

FOR JUNIORS

1. Psychology. Elementary science of the mental processes. *Fall and Winter Terms, three hours.*

2. Logic. Inductive and Deductive Logic, the principles and method of correct thinking and scientific procedure. *Spring Term, three hours.*

ELECTIVE WORK

FIRST YEAR

FOR JUNIORS AND SENIORS

3. History of Greek Philosophy. Courses 10 and 11 in the department of Greek. *Winter and Spring Terms, three hours.*

4. Educational Psychology. Discussion of psychological topics such as attention, interest, habit, reasoning, emotion, and volition, with special reference to their pedagogical implications. This course will be given in 1900, and repeated in 1902. *Spring Term, three hours.*

4*a*. History of Education. An historical account of the leading typical theories of education with special reference to present educational needs. This course, given in 1899, will be repeated in 1901. *Spring Term, three hours.*

SECOND YEAR

FOR SENIORS

5. History of Modern Philosophy. The leading philosophical systems from Descartes to the present time. Considerable time is given to reading selected portions of the works of representative philosophers. *Three Terms, three hours.*

6. Ethics. A critical and constructive study of morals, with special reference to theories of the moral consciousness and the moral ideal. *Fall Term, three hours.*

7. Metaphysics. An elementary study of first principles. *Winter Term, three hours.*

Text-books, to be announced from time to time, are used in all courses of this department as the basis of instruction, and are supplemented by lectures, discussions, and essays.

THE PRESIDENT'S LECTURES

PRESCRIBED WORK

FOR FRESHMEN

Practical Ethics. These lectures will consider the principles of moral conduct and will have special reference to Christian ethics. They are designed to exhibit the Christian ideals in their relation to the practical problems of life. *Fall and Winter Terms, one hour.*

HISTORY OF ART

ELECTIVE WORK

FOR SENIORS

Instruction is offered in the history of architecture and sculpture. Text-books are used, and the students are required to consult the important authorities in preparation for stated examinations upon special questions. A room is provided for these investigations, equipped with a large number of works of reference. This study is accompanied with lectures, illustrated by numerous lantern views, and is aided also by a copious collection of photographs.

Egyptian art is first taken up, and that of Babylonia, Assyria, and Persia is next considered. Special attention is given to the origin and development of Greek architecture. Its connection with earlier styles is noted, and the modifications and additions made by the Romans are carefully traced. Basilican, Byzantine, Romanesque, and Mohammedan work is then treated. Further courses deal with Gothic and Renaissance architecture.

An attempt is made to trace the development of ancient sculpture, to impart some appreciative knowledge of its masterpieces, to show the relation between classical and mediæval work, and to bring out those principles which gave to the plastic art of the Greeks its enduring preëminence as the standard of taste. *Fall Term, two hours; Winter Term, three hours; Spring Term, two hours.*

PHYSIOLOGY

PRESCRIBED WORK

FOR FRESHMEN

1. Hygiene. This subject is presented in occasional lectures, bearing upon the proper care of the physical man. The treat-

ment is topical. The organs of each physiological system of the body are described, together with their workings and their relations to the special functions which they perform. The hygiene relating to each system is discussed in connection with the description of its anatomy and physiology. *Fall and Winter Terms.*

FOR FRESHMEN IN COURSE III

2. PHYSIOLOGY. A scientific presentation of the processes of life in the human body. *Fall Term, five hours.*

ELECTIVE WORK

FOR JUNIORS

3. PHYSIOLOGY AND HYGIENE. This course, advancing slightly upon courses 1 and 2, is designed especially for students in Courses I and II who desire more than an elementary knowledge of the laws of life and health. *Winter Term, three hours.*

GYMNASIUM

The course in gymnastics is progressive and systematic. It is planned to bring about the erect carriage of the body, the development and strengthening of the muscular, circulatory, and respiratory systems, and the maintenance of general good health and bodily vigor. During the Freshman and Sophomore years, attendance is required three hours per week, for which, according to the grade of work done, credit is given on the College records of one hour per week during the winter and spring terms of each year. During the Junior and Senior years, attendance is voluntary.

Every student admitted to College receives a thorough medical examination, and at the close of the second year of his course he is re-examined and the records compared.

At any time during his course, a student may have his eyes examined upon application to the Director of the Gymnasium.

CONSPECTUS OF COURSES

I. FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(3) Latin 1,*	(3) Latin 2,	(3) Latin 3,
(3) Greek 1,	(3) Greek 2,	(3) Greek 3,
(3) French 1,	(3) French 1,	(3) French 1,
(3) Rhetoric 1,	(3) Rhetoric 1,	(3) Rhetoric 1,
(1) Public Speaking 2,	(1) Public Speaking 3,	(1) Public Speaking 3,
(3) Mathematics 1,	(4) Mathematics 2,	(4) Mathematics 3,
(1) Practical Ethics.	(1) Practical Ethics,	(1) Gymnastics.
	(1) Gymnastics.	

SOPHOMORE YEAR

(4) Latin 4,	(6) { (3) Latin 5,	(3) Latin 7, or
(5) Greek 4,	(3) Greek 5 or 6,	(3) Greek 7, or
(3) German 1,	(3) Mathemat. 5 or 5*a*,	(3) Mathematics 6, or 6*a*,
(1) Public Speaking 4,	(3) German 1,	(3) German 1,
(4) Mathematics 4.	(2) English Literature 1,	(5) English Literature 2,
	(1) Public Speaking 5,	(1) Public Speaking 5,
	(5) Physics 1, or	(5) Physics 1, or
	(5) Chemistry 1,	(5) Chemistry 2,
	(1) Gymnastics.	(1) Gymnastics.

JUNIOR YEAR

(2) Public Speaking 6.	(2) Public Speaking 7.	(2) Public Speaking 7,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see page 40.

* The first numeral (in parenthesis) indicates the number of hours per week the second is the number of the course in the department statement.

II. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(3) Latin 1, or	(4) Latin 2, or	(3) Latin 3, or
(3) Greek 1,	(5) Greek 2,	(3) Greek 3,
(3) German 1 or 2,	(3) German 1 or 2,	(3) German 1 or 2,
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(3) Rhetoric 1,	(3) Rhetoric 1,	(3) Rhetoric 1,
(1) Public Speaking 2,	(1) Public Speaking 3,	(1) Public Speaking 3,
(3) Mathematics 1*a*,	(4) Mathematics 2*a*,	(4) Mathematics 3*a*,
(1) Practical Ethics.	(1) Practical Ethics,	(1) Gymnastics.
	(1) Gymnastics.	

SOPHOMORE YEAR

(6) Latin 4, or	(3) Latin 5, or	(3) Latin 6, or
(6) Greek 4,	(3) Greek 5 or 6,	(3) Greek 7, or
(3) German 2,	(3) Mathematics 5, 5*a*,	(3) Mathematics 6, 6*a*,
(3) French 2,	(3) German 2,	(3) German 2,
(1) Public Speaking 4,	(2) English Literature 1,	(5) English Literature 2,
(4) Mathematics 4.	(1) Public Speaking 5,	(1) Public Speaking 5,
	(5) Physics 1, or	(5) Physics 1, or
	(5) Chemistry 1,	(5) Chemistry 2,
	(1) Gymnastics.	(1) Gymnastics.

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 7,	(2) Public Speaking 7,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term.

NOTE—For list of elective studies see page 40.

III. FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FALL TERM	WINTER TERM	SPRING TERM
(3) German 1 or 2, or	(3) German 1 or 2, or	(3) German 1 or 2, or
(3) French 1 or 2,	(3) French 1 or 2,	(3) French 1 or 2,
(3) Rhetoric 1,	(3) Rhetoric 1,	(2) Rhetoric 1,
(1) Public Speaking 2,	(1) Public Speaking 3,	(1) Public Speaking 3,
(4) Mathematics 1*a*,	(4) Mathematics 2*a*,	(4) Mathematics 3*a*,
(5) Physiology 2,	(5) Chemistry 1,	(5) Chemistry 2,
(1) Practical Ethics.	(1) Practical Ethics,	(1) Gymnastics.
	(1) Gymnastics.	

SOPHOMORE YEAR

(3) German 2,	(3) German 2,	(3) German 2, or
(3) French 2,	(3) French 2,	(3) French 2,
(1) Public Speaking 4,	(2) English Literature 1,	(5) English Literature 2,
(4) Mathematics 4,	(3) Rhetoric 4,	(1) Public Speaking 5,
(2) Biology 1,	(1) Public Speaking 5,	(3) Mathematics 6,
(5) Chemistry 3.	(3) Mathematics 5,	(5) Physics 1,
	(5) Physics 1,	(1) Gymnastics.
	(1) Gymnastics.	

JUNIOR YEAR

(2) Public Speaking 6,	(2) Public Speaking 7,	2) Public Speaking 7,
(3) Philosophy 1,	(3) Philosophy 1,	(3) Philosophy 2,
(12) Electives.	(12) Electives.	(12) Electives.

SENIOR YEAR

Wholly elective. Seventeen hours Fall and Winter Terms, twelve hours Spring Term

NOTE—For list of elective studies see next page.

LIST OF ELECTIVE STUDIES

JUNIOR YEAR

FALL TERM	WINTER TERM	SPRING TERM
Latin 9 or 10,	Latin 11,	Latin 12,
Greek 8 or 9,	Greek 10,	Greek 11, 12,
Semitic Languages 1, 3, 4,	Semitic Languages 1. 3, 4,	Semitic Languages 1,
German 3, 6, 9,	German 4, 7, 10,	German 5, 8,
French 3,	French 4,	French 5,
English Lit. 3 or 6. 9,	English Lit. 4 or 7, 10,	English Lit. 5 or 8, 11,
Debates 8,	Debates 8,	Mathematics 9,
Mathematics 7,	Mathematics 8,	Physics 2,
Physics 2,	Physics 2,	Geology 3,
Geology 1,	Geology 2,	Biology 3,
Biology 1,	Biology 2.	Chemistry 5,
Chemistry 3,	Chemistry 4	Botany 4,
Mineralogy 1, (Course III only)	Mineralogy 2, (Course III only)	History 3,
History 1.	History 2,	Philosophy 3, 4 or 4*a*.
	Philosophy 3.	
	Physiology 3.	

SENIOR YEAR

FALL TERM	WINTER TERM	SPRING TERM
English Lit. 3 or 6, 9, 12,	English Lit. 4 or 7, 10,	English Lit. 5 or 8, 11,
Debates 9,	Debates 9,	Geology 6,
Mathematics 10,	Mathematics 11,	Biology 6, 8,
Astronomy 1,	Geology 5.	Chemistry 7 or 8,
Geology 4,	Biology 7,	History 8,
Biology 5,	Chemistry 6,	Economics 2,
Chemistry 6,	Mineralogy 2,	Philosophy 4 or 4*a*, 5,
Mineralogy 1,	History 6, 7,	History of Art.
History 4, 5,	Economics 1,	
Philosophy 5, 6,	Philosophy 5, 7,	
History of Art.	History of Art.	

NOTE—Junior electives are also open to Seniors when the schedule permits.

THE GYMNASIUM

REQUIREMENTS FOR ADMISSION

GENERAL REQUIREMENTS

All candidates for admission must bring with them testimonials of attainments and of moral character, preferably from their latest instructors, and, if from another college, a certificate of regular dismission.

Candidates for the Freshman Class must have completed their fifteenth year, and candidates for a higher class must be advanced in age correspondingly.

It is recommended that the candidate be prepared for examination in the requirements as specified, but equivalents will be accepted.

SUBJECTS REQUIRED FOR ADMISSION TO THE FRESHMAN CLASS

I. THE COURSE IN ARTS

1. Latin. Cæsar's Commentaries (Books I-IV); six orations of Cicero, including that for the Manilian Law and that for the Poet Archias; six books of Virgil's Æneid; Latin Grammar, (Allen and Greenough, Bennett, or Harkness); and Jones's or Bennett's Exercises in Latin Prose Composition. The foregoing requirements are to be understood as indicating the desired amount of work, not necessarily its precise nature. Students are advised to substitute, if circumstances permit, Rolfe's Viri Romae for a part of the Cæsar, Sallust's Catiline for a part of the Cicero, and to read some of Ovid before beginning Virgil. Full equivalents will be accepted for any of the authors named. It is especially desirable that candidates should have acquired the ability to translate easy passages in prose and verse at sight.

2. Greek. Goodwin's or Hadley-Allen's Greek Grammar; four books of Xenophon's Anabasis; three books of Homer's Iliad; and exercises in prose composition. Collar and Daniell's

Beginners' Greek Prose Composition is recommended. For two books of the Anabasis, a like amount of the Hellenica may be offered; and for one book of the Iliad, an equivalent in Herodotus may be substituted.

3. English. The examination in English consists of two parts, one to test the general reading of the pupil, the other to bring out the results of more careful study and practice.

Part I. Reading. The candidate must show a good general knowledge of the subject-matter of each work and answer simple questions on the lives of the authors.

In 1900, the books for this portion of the examination will be Dryden's Palamon and Arcite, Pope's Iliad (Books I, VI, XXII, and XXIV), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

In 1901, Milton's Paradise Lost (Books I and II), Pope's Iliad (Books I and XXII), the Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1902, Pope's Iliad (Books I, VI, XXII, XXIV), The Sir Roger de Coverley Papers in the Spectator, Coleridge's The Rime of the Ancient Mariner, George Eliot's Silas Marner, Shakspere's Merchant of Venice, Tennyson's The Princess, Scott's Ivanhoe, Cooper's The Last of the Mohicans, Goldsmith's The Vicar of Wakefield.

Part II. Study. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form, and structure, and also is designed to test the candidate's ability to express his knowledge with clearness and accuracy.

This portion of the examination for 1900 will be upon the following works: Shakspere's Macbeth, Milton's Paradise

Lost (Books I and II), Burke's Speech on Conciliation with America, and Macaulay's Essays on Milton and Addison.

In 1901, Shakspere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tartar Tribe, and Tennyson's The Princess.

In 1902, Shakspere's Macbeth, Burke's Speech on Conciliation with America, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, and Macaulay's Essays on Milton and Addison.

The candidate will be required to write a paragraph or two on each of the topics given in the examination. He is expected to read *all* the books prescribed, and to have freshly in mind their most important parts. But knowledge of the books will be regarded as less important than the ability to write English. No candidate can expect to pass the entrance examination in English whose work is seriously defective in spelling, punctuation, grammar, or division into paragraphs.

4. Mathematics. Algebra: Taylor's Academic Algebra, or an equivalent in other authors; Geometry: Wentworth's or Chauvenet's Plane Geometry, or an equivalent in other authors.

To enable students to succeed in the study of Mathematics in the University, the studies of the last year of the preparatory course should include a review of both Algebra and Geometry.

5. History. The History of Greece or of Rome, and of England or of the United States. Each should be pursued for seventy-five recitation hours.

6. Physiology and Hygiene. Preparation in some good elementary work on these subjects.

II. THE COURSE IN LETTERS AND PHILOSOPHY

1. Latin or Greek. The same preparation in either as for Course I.

2. German or French. Two years in either language, or one year in each. The following outline will indicate the amount of work which each year is expected to cover:

German. (First Year.) 1. Ability to pronounce German correctly, and read it with proper intonations. 2. Accurate knowledge of the elements of the grammar. The amount in

Joynes-Meissner's Grammar, or an equivalent, will be accepted. 3. Enough reading to enable the candidate to translate simple German at sight. No specific authors or works are designated, but the amount read should be about two hundred pages, of which the larger part should be narrative and conversational prose. Five recitations a week during one year should be given to this work. Preparation by the so-called "natural" method should be supplemented by systematic drill in grammar.

(Second Year.) 1. More thorough knowledge of grammar, especially in the elements of word-formation, the uses of prepositions and conjunctions, essentials of syntax, and in the uses of modal auxiliaries and the subjunctive. 2. Ability to translate ordinary German at sight. To acquire this facility not less than four hundred pages of prose and verse, in addition to the elementary work, should be read. It is recommended that about half of this reading be selected from the works of Lessing, Schiller, and Goethe. One year's additional instruction should be given to this work.

French. (First Year.) 1. A thorough knowledge of the grammatical inflection, with special attention to the irregular verbs. The amount in Whitney's Practical French, or an equivalent, will be accepted. 2. Enough reading to enable the candidate to translate simple prose at sight. No specific authors or works are designated for examination, but the amount read should be about three hundred pages, of which the larger part should be modern narrative and conversational prose. Five recitations a week during one year should be given to this work.

(Second Year.) 1. Ability to pronounce French correctly and to read it with proper intonations. 2. A thorough and detailed knowledge of accidence, and familiarity with the essentials of syntax, especially the uses of the moods and tenses. Ability to translate at sight standard French. For this purpose, in addition to the elementary work, not less than four hundred pages of prose and verse should be read, and the selections should be taken from various authors. One year's additional instruction should be given to this work.

3. English, as for Course I.

4. Mathematics, as for Course I, with the addition of Solid Geometry not including Spherical.

5. History, as for Course I, except that three subjects out of the four are required.

6. Physiology and Hygiene, as for Course I.

III. THE COURSE IN LETTERS AND SCIENCE

1. Languages. Two of the three following languages:

(a) Latin, two years. (b) French, two years. (c) German, two years. Or Latin two years, and French and German one year each.

2. English, as for Course I.

3. Mathematics, as for Course I, with the addition of Solid Geometry (including Spherical).

4. Physics, one year's work.

The following specifications are suggested:

One full year of work, as in Gage's Elements of Physics, Nichols's Outlines of Physics, or Carhart and Chute's Elements of Physics, including also a series of at least thirty experiments from Chute's Physical Laboratory Manual, or their equivalent, the student's note-book certified to by the instructor to be presented at the examination.

5. Chemistry, through the non-metals. One-half year's work, as in the best manuals of elementary Chemistry. Such quality of work is required as to prepare the student for laboratory work in Analytical Chemistry.

6. History, as for Course II.

7. Physiology and Hygiene, as for Course I.

8. One of the three following:

Physical Geography, as in Tarr's Elementary Physical Geography.

The kind of work expected in Physiography is also indicated in the section on Geography, in the report of the Committee of Ten, and in the National Geographic Monographs.

Astronomy, as in Young's Lessons in Astronomy, or an equivalent.

Zoölogy, mainly the laboratory and field study of the common forms. The student must show training in observation: mere text-book work will not be accepted. Such guides as Colton's Practical Zoölogy, or Dodge's Elementary Biology are recommended.

ADMISSION TO ADVANCED STANDING

Candidates for admission to any class higher than the Freshman are examined in the previous studies, or their equivalents, of the class which they wish to enter. Students coming from another college may, at the discretion of the Faculty, be admitted upon certificate in the studies covered. No person will be admitted to the University, as a candidate for the Bachelor's degree, after the opening of the second term of the Senior Year.

ADMISSION AS SPECIAL STUDENTS

In exceptional cases, men who cannot meet the requirements of admission to a regular course, or are unable to give more than one or two years to study in college, are admitted to the privileges of the University and allowed to elect work under the direction of the Faculty. Such students are required to pass a preliminary examination sufficient to ascertain their qualifications, and are subject to the same regulations and discipline, and to the same examinations in the studies pursued, as those who are candidates for a degree. Special students cannot compete for prizes or take part at Commencement; and their names appear in the catalogue in a separate group.

The opportunity of pursuing selected studies under the above conditions is not offered to those who have failed to maintain standing in one of the regular courses.

ENTRANCE EXAMINATIONS

Entrance examinations may be taken at the University as follows: Monday and Tuesday, June 18th and 19th, 1900, or on Thursday, Friday, and Saturday, September 13th, 14th, and 15th following.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions in September. Those who remain conditioned after the September examinations, or receive conditions at that time, may be required by the respective officers to study under an authorized tutor.

For the benefit of students living at a distance, who can not conveniently take the June examinations at the University, arrangements may be made by which examinations shall be held under the direction of a college officer, or some authorized person, at some convenient point. Under such circumstances, the names must be sent to the President not later than May 15th, 1900.

ADMISSION BY CERTIFICATE

The entrance examination in English must be taken by all applicants for admission to any Course. With this exception, admission may be wholly or in part by certificate as follows:

Pass cards and diplomas of recent date, issued by the Regents of the State of New York, will be accepted for the subjects which they cover.

Students from schools having approved preparatory courses may be admitted upon satisfactory certificates from their Principals. Certificates should, if possible, be filed with the Registrar before the entrance examination in June. Blanks for certificates will be furnished upon application.

Principals of preparatory schools who desire to have their pupils admitted on certificate are invited to correspond with the President.

GRADUATE WORK

I. MASTERS' DEGREES

The University Faculty will recommend, at the close of the present year, for the degree of Master of Arts, Master of Philosophy, or Master of Science, candidates who have received the corresponding Bachelor's degree from any approved college, and who shall have pursued a course of advanced non-professional study equivalent to an additional year of college work. Such a course shall consist of a major and a minor subject to be taken in different, but related, departments. Satisfactory examinations must be passed in these studies; and a thesis must be presented on some topic within the field of the major subject. The plan of study must be submitted by October 1st, the subject of the thesis by December 1st, and the thesis itself by May 15th of the year in which the candidate expects to take the degree. Graduates giving their full time to the work may be recommended for the degree after one year of study. Graduates giving only a portion of their time to the work will not be recommended under two years. Graduates enrolled in the Theological Department who are not candidates for the degree of Bachelor of Divinity may be recommended after three years. No one will be recommended for a Master's Degree without post-graduate study in residence during at least three terms. A copy of the thesis must be deposited in the University Library.

II. DEGREE OF BACHELOR OF DIVINITY

The University Faculty will recommend for the degree of Bachelor of Divinity candidates who have received the degree of Bachelor of Arts after the completion of a satisfactory course of study, or have received any other Bachelor degree which represents a four years' course of collegiate study equivalent as a training for theological study to the course usually pursued for the degree of Bachelor of Arts, and who shall have

pursued the Full Course in the Theological Department, including an approved scheme of electives for the Middle and Senior Years, and shall have presented a thesis of not less than three thousand words, approved by the Theological Faculty. A copy of the thesis must be deposited in the University Library. The University Faculty will not recommend the conferring of this degree for work done *in absentia.*

GENERAL INFORMATION

GROUNDS AND BUILDINGS

The present site of Colgate University was determined by the gift, in 1826, of one hundred and twenty acres of land by Samuel Payne and his wife. Various additions have been made until now the University grounds include about two hundred and twenty-five acres.

The country surrounding the village of Hamilton, within whose limits the grounds are situated, is pleasantly diversified by valley and hill, and constitutes an environment of much natural beauty.

The Superintendent of Grounds and Buildings conducts the improvements upon the campus, in accordance with plans prepared by Mr. Ernest W. Bowditch, of Boston.

West College. This building was erected in 1827. It contains two lecture rooms, the museum of Natural History, the biological laboratory, and accommodations for seventy students.

East College. This building was erected in 1834. It is the main dormitory, and contains accommodations for about ninety students.

Alumni Hall. This building was erected in 1860 by the Alumni and friends of the University. It is known in the University records as the Hall of Alumni and Friends, and contains the college chapel, eight lecture rooms, and several other rooms. The chapel has recently been remodeled through the generosity of Mr. James C. Colgate, of New York, and Mr. Austen Colgate, of Orange, N. J.

The Chemical Laboratory was the joint gift of the late President Dodge, the late Col. Morgan L. Smith, of Newark, N. J., Mr. Thomson Kingsford of Oswego, and the late Mr. Samuel Colgate, of New York. It was built in 1884, and

affords accommodations for the Department of Physics as well as that of Chemistry. On the ground floor are two large lecture rooms, well lighted and furnished with necessary apparatus for illustration and experiment. On the second floor are the laboratory work rooms, containing desks for thirty-five students, which afford opportunity for an extended course in Analytical Chemistry, both qualitative and quantitative.

The Colgate Library. This building was erected and furnished at a cost of $150,000, and was the gift of Mr. James B. Colgate. It is fire-proof, and is very complete in its facilities for library purposes. It contains, besides the offices and work room of the library, two large stack rooms with a capacity sufficient for the growing needs of the University, a spacious reading and consulting room, three seminary rooms, rooms for the Baptist Historical Collection, rooms for the use of the Boards of Trustees, and the offices of the President, the Dean of the College, and the Registrar.

The Gymnasium was built in 1893. The first floor contains the main hall, sixty-two by fifty feet, with an elliptical running track suspended from the truss roof, and is amply lighted by a large skylight in the center of the roof in addition to the windows at the sides. The Director's offices, the sparring, fencing, and bicycle rooms, and batting cage are also on this floor. On the ground floor is the locker room, containing accommodations for four hundred students. Adjoining this on one side are tile-lined bath rooms, and a swimming tank fifteen by forty feet; and on the other side, a well-equipped bowling alley. On the floor above the main hall are trophy and lecture rooms, and also a visitors' gallery overlooking the exercise room and running track. The building is thoroughly equipped with the most approved apparatus.

Whitnall Field. Through the generosity of Mr. T. O. Whitnall, of Syracuse, a new athletic field is being constructed on the University campus near the gymnasium which will contain a quarter-mile elliptical running track, a straight track of 220 yards, football and baseball grounds, tennis courts, and grand stand.

THE LIBRARY

The library is intended to meet the needs of all departments of the University. For the especial use of the students there stand regularly in the reading room from two to three thousand volumes, which are in part especially selected each term by the instructors to meet the varying needs of their classes. In addition free access to the stack room and consultation of the books on the shelves is allowed, and liberal privileges are permitted to students in taking out books for use in their rooms. It is the aim to secure, in addition to books suited to the daily needs of the students, works that may serve as original sources of information for the members of the faculty in their personal investigations and also for such students as may be doing seminary work in any department.

The library is open from eight in the morning till six in the afternoon, except on Sundays and Monday forenoon, both for consultation and the drawing of books. The reading room, open during the same hours, is well supplied with all the most important reviews, newspapers, and magazines. Students in all departments are encouraged to use the library and reading room for all helpful purposes, and are furnished all needed assistance in their work.

The library now contains about thirty thousand bound volumes, and is enlarged every year by the expenditure of the income of the library fund which amounts to $25,000. The accessions during the year 1898-1899 numbered 1348 bound volumes, exclusive of pamphlets. Among the gifts were 296 volumes from the library of the late Rev. W. H. King, D. D., 44 volumes from Mr. L. J. P. Bishop, through Rev. Edward Judson, D. D., 34 volumes on Missions from an unnamed donor, and from Mr. James B. Colgate 10 volumes on Japan and 9 volumes of the Messages and Papers of the Presidents.

Among the special collections in the Library may be mentioned, (1) the President Dodge gift of more than three thousand five hundred volumes, especially rich in works on art, a separate room in the building being now exclusively

devoted to such works ; (2) the William Ward Memorial, consisting of encyclopedias and other works of reference; (3) the Isaac Davis, consisting of works on baptism, and also of works by Baptist authors on any topic ; (4) the collection which once formed the library of the American and Foreign Bible Society.

The Baptist Historical Collection, the gift of the late Mr. Samuel Colgate, numbering already about sixty thousand pamphlets and bound volumes, constitutes a library in itself. It has been carefully catalogued and arranged in the rooms designed for it in Colgate Library. It consists of annual reports, catalogues, historical addresses and sermons, and historical sketches of local churches, besides many valuable books relating to Baptist history. No pains or expense was spared by Mr. Colgate to make this collection as complete as possible ; and generous provision was made by him for its maintenance and enlargement. An explanatory pamphlet will be sent on application to the Librarian.

COLLECTIONS

The Museum of Geology and Natural History contains the following collections :

The Douglass Herbarium, presented by Dr. J. S. Douglass, filling thirty-three volumes, and illustrating the flora of the northern United States.

The Zoölogical collections, including alcoholic specimens, chiefly collected by the late Professor W. R. Brooks; the conchological collection, consisting largely of tropical species; an excellent display of corals; and a very large and valuable collection of the birds of Europe, the East Indies, and North America, secured for the University by Professor A. S. Bickmore, of New York.

The geological material is arranged in several departments, as follows:

Historical.—An extended series of fossils, illustrating the succession of life in geological time. This collection was purchased for the University by Mr. James B. Colgate, and includes many of Ward's casts of extinct vertebrates.

Systematic.—Affording facilities for comparing the fossil with the existing forms of the several zoölogical groups. This collection has recently been enriched by the addition of a series of Silurian and Devonian corals, from Michigan and Canada.

Dynamical.—Here are found a suite of typical lavas and other volcanic products from many parts of the world; a model of Mount Vesuvius and its environs; and a variety of specimens illustrative of sedimentation, weathering, seashore action, metamorphism, folding, jointing, veins, dikes, and other structures, glacial action, the work of underground water, and the geological effects of organisms.

Lithological.—A typical display of rock-forming minerals and the common rocks resulting from their combination, sedimentary, metamorphic, and igneous.

Economic.—This collection was begun by the acquirement of representative building stones of New York and New England. Large additions have recently been made, embracing a wide range of geological materials used in the arts. These additions include several hundred specimens from Colorado, collected at the principal mining camps and from firms in Denver. A highly valuable collection was also secured at the close of the Columbian Exposition, including native gold, silver, copper, ores of gold, silver, platinum, iron, tin, copper, zinc, and nickel; fuels, building and ornamental stones, pigments, fire and plastic clays, asbestos, phosphates, road materials, and miscellaneous minerals from all sections of the United States and the British provinces, embracing a rich collection from the resources of New South Wales.

Mr. T. J. Welch, of Oil City, Penn., has presented to the University a very complete and valuable collection illustrative of the petroleum industry. It includes nearly two hundred samples of crude oil, and a variety of refined products, with models of plants and apparatus.

A class-room collection of several hundred specimens of typical fossils, rocks, and minerals has been arranged during the past year, in the geological lecture room. There is also

included a set of Zittel's and other charts, lantern, a large collection of slides and photographs, and a lithological lathe.

A valuable outfit of microscopic and other apparatus for biological study was donated as a class memorial by the class of 1889 of this University. During the past year important additions of apparatus and furniture have been made, and the laboratory work has been transferred to a suite of large and light rooms specially fitted up for the purpose at the eastern end of West College.

The geological seminary in the Library contains a large and rapidly increasing collection of topographic and geological maps and models for use in the physiographic courses.

ENDOWMENT

Prior to the Commencement of 1891 the University possessed, in addition to its grounds and buildings, an endowment of about five hundred thousand dollars. This endowment was the aggregate of gifts large and small from friends and alumni of the University during its growth.

During the Commencement of 1891 Mr. James B. Colgate, of Yonkers, N. Y., announced that he had placed in the hands of three trustees one million dollars of interest-bearing securities, which he presented to the University upon certain conditions.

The fund thus established is known as the Dodge Memorial Fund, in memory of Dr. Ebenezer Dodge, the fourth President of the University. One half the income from this gift is applicable to the current expenses of the University, the other half is for the time being added to the principal. It was the intention of the donor to make a reasonably secure provision for the maintenance and general development of the University, and thus encourage other friends of the institution to provide for its enlargement along lines in which they might have a special interest.

EXPENSES

The necessary expenses of a student in Hamilton are moderate. Tuition is fixed at a price much lower than that of most

eastern institutions, while the dormitories furnish comfortable rooms at a price merely nominal. Moreover, to worthy and capable students, aid is furnished by the Baptist Education Society of the State of New York, and numerous scholarships and premiums are provided by the University. It is intended, so far as possible, that no diligent, worthy student shall leave the institution for lack of means. The friends of the institution have made noble provision for this purpose, but the increase in the number of students and the extension of the usefulness of the University make imperative the need of further provision in aid of promising students. It is hoped that those interested in higher education will be inclined to establish many other general scholarships, applicable at the discretion of the University to the assistance of worthy and capable young men.

The following list includes most of the necessary expenses :

Matriculation fee, payable on entering the College -	$ 5.00
The fee for each degree in course including diploma is now $5.00. To those who shall have paid the matriculation fee no charge will be made.	

The following expenses are payable each term in advance. No deduction is made on account of absence, unless the student enters a lower class :

Tuition, - - - - - -	$20.00
Room rent :	
Inside room, - - - -	3.50
Corner room, - - - - -	5.00
To a student rooming alone the rent is $7.00 or $10.00.	
For use of gymnasium, instruction in physical culture, and general athletic purposes :	
Fall Term, - - - - -	3.00
Winter Term, - - - -	2.00
Spring Term, - - - - -	3.00
For students not making regular use of gymnasium :	
Fall Term, - - - - -	2.00
Winter Term, - - - - -	1.00
Spring Term, - - - -	2.00

Laboratory Fees. For students taking Analytical Chemistry, - - - - $10.00

This sum is intended to cover the expenses of chemicals, gas, and the use of the general laboratory apparatus. A deposit of $5.00 is required of all students in Analytical Chemistry, to cover breakage. Any balance left at the end of the course is returned.

For students taking Physics, - - 3.00

For Students taking Zoölogy, Botany, and Paleontology, - - - - 2.00 or 3.00

Board is obtained in clubs at an average cost of $2.50 a week. In private families it varies from $2.50 to $3.50. The cost of board and room in private houses is from $3.50 to $4.50 a week. Students in the college dormitories furnish their own rooms. The care of the rooms is in part committed to the janitor.

UNIVERSITY SCHOLARSHIPS

The University has at its disposal the following scholarships:

The Trevor Scholarships. A fund of $40,000 was given by the late John B. Trevor, of New York, to establish forty scholarships—twenty yielding $90 a year and twenty yielding $30 a year each—for the benefit of those who have served in the army or navy of the United States. "Soldiers, or their orphan sons, or sons not orphans, or those dependent on soldiers for support—and in this order of preference—shall have the benefit of these scholarships."

The Gano Scholarship, of $90, established by Mrs. Eliza Rogers, of Providence, R. I.

The Eleanor F. Dodge Scholarship, of $60, established by Mrs. E. F. Dodge, of Providence, R. I.

The Edwards Scholarship, of $72, established by Hervey Edwards, of Fayetteville, N. Y.

The Van Antwerp Scholarship, of $60, established by William M. Van Antwerp, of Albany, N. Y.

The Palmer Scholarship, of $60, established by Nelson Palmer, of Athens, N. Y., class of 1849.

The Coolidge Scholarship, of $54, established by William Coolidge, of Madison, N. Y.

The Phillips Scholarship, of $30, established by Thomas Phillips, of New York.

The Crissey Scholarship, of $30, established by Benjamin Crissey, of New York.

The Jefferson Tillinghast Scholarship, of $30, established by Jefferson Tillinghast, of Newport, N. Y.

The Peddie Scholarship, of $30, established by Thomas B. Peddie, of Newark, N. J.

The Ingalls Scholarships, two of $30 each, established by Mr. and Mrs. David W. Ingalls, of Hamilton, N. Y.

The Benjamin F. Tillinghast Scholarship, of $50, established by Benjamin F. Tillinghast, of Cortland, N. Y.

The Cynthia Burchard Andrews Scholarship, of $60, established by the late Mrs. Cynthia Burchard Andrews, of Hamilton, N. Y.

The Harriet King Davis Scholarship, of $50, established in memory of the late Mrs. Harriet King Davis, of Wahoo, Neb.

The James E. Kimball Scholarship, of $60, established by the late James E. Kimball, of Troy, N. Y.

The President's Scholarships, ten of $39 each, designed for young men of character and capacity not preparing for the Christian ministry.

Written application should be made to the President of the University, giving name, age, residence, purpose in study, and means of support. Those who apply for one of the Trevor Scholarships should also state the military service on account of which the scholarship is asked.

THE EDUCATION SOCIETY

Students for the ministry, of suitable character and talents, may receive aid from the Baptist Education Society of the State of New York. The amount furnished varies somewhat according to the needs of the student and his position in the

course of study. In addition to the regular contributions made to the society for this purpose, it also has control of a number of scholarships, the income of which is to be expended in the education of young men for the Christian ministry.

All communications with reference to the amount and conditions of help for ministerial students should be addressed to the Corresponding Secretary of the Education Society, H. S. Loyd, D. D., Hamilton.

RELIGIOUS SOCIETIES

The College Young Men's Christian Association is devoted to the sustaining and extension of religious life among the students. It sustains weekly meetings, Bible classes, and a workers' training class. At intervals through the year, public addresses of interest and value are delivered under the auspices of the association.

The Volunteer Band meets with the members of the Seminary Band. Students are invited to subscribe annually to the "Stanton Fund," which is applied to the support of a missionary on the field. The society conducts correspondence with missionaries in the foreign field, and addresses are delivered before it by returned missionaries on practical topics connected with their experience and work.

ATHLETICS

Ample facilities are afforded for athletic purposes, and all proper encouragement is given for the maintenance of athletic sports. Athletic matters are in the hands of the Athletic Association to which all students belong. The executive committee of the association, called the Athletic Advisory Board, consists of members from the Faculty, alumni and undergraduate body. The association is a member of the New York State Intercollegiate Athletic Association. Attention is called to the statement concerning the Whitnall Field on page 51.

PRIZES

THE DODGE ENTRANCE PRIZES

Four prizes were established by the late President Dodge, for students entering the Freshman Class in the Classical Course, to be awarded as follows:

To the three students from the last preceding graduating class of Colgate Academy whose standing during the academic course shall be the highest among those who enter the College, will be awarded a first prize of $30, a second prize of $24, and a third prize of $18, to be paid at the opening of the Freshman Year. No student shall be eligible to compete for these prizes unless he shall have been connected with the Academy for at least two years.

A fourth Dodge Prize of $18 may be competed for by students entering from other preparatory schools, and also by such students from Colgate Academy as were not eligible to compete for the first three prizes. The examination must be passed before the Saturday of the opening week. The officers hearing the Freshman Class are the committee of examination and award.

None of the above prizes will be awarded unless the student has reached an average of at least 8.

THE KINGSFORD DECLAMATION PRIZES

These prizes were established by Mr. Thomson Kingsford, of Oswego, N. Y. Twelve speakers from the Freshman, Sophomore, and Junior Classes, four from each class, are appointed upon the basis of their record for the year in public speaking. Two competitors in each class receive prizes, a first and a second, consisting of books.

THE BALDWIN GREEK PRIZES

These prizes have been established for the Sophomore Class by Hon. D. P. Baldwin, LL. D., class of 1856, Logansport, Ind.

The examination, from printed papers, is exclusively in writing, and is upon some author, or work of an author, read by the class in the Spring Term of the Sophomore Year. It embraces both grammar and subject matter, with exercises in prose composition. There is a first prize of $18, and a second prize of $12. No student can compete unless his standing in all departments averages at least 8. The award is made by a committee not connected with the University. The next examination will be held April 21st, 1900. The subject is Demosthenes on the Crown.

THE SOPHOMORE LATIN PRIZES

The examination is in writing on some author, or work of an author, read during the Winter Term of the Sophomore Year. It includes, however, more than is required of the class, and embraces translation, grammar, and subject matter. There is a first prize of $25, and a second prize of $15. No student is allowed to compete unless his average standing in all departments is at least 8. The award is made by some scholar not connected with the University. The next examination will be held April 14th, 1900.

THE OSBORN MATHEMATICAL PRIZES

These prizes, established in honor of the late Professor L. M. Osborn, have been provided for the Junior Class by ten of the Alumni and friends of the University. The examination, which is exclusively in writing, is on the subjects of Analytic Geometry and the Calculus. The prizes, three in number, a first prize of $25, a second prize of $20, and a third prize of $15, are awarded by some scholar not connected with the University. No student is allowed to compete for these prizes whose standing in this, or whose average standing in the other departments, falls below 8. The next examination will be held April 21st, 1900.

THE ALLEN ESSAY PRIZES

Two prizes, of $17 and $13 respectively, established by George K. Allen, D. D., class of 1870, are awarded on Commencement Day to two members of the Sophomore Class, for excellence in

English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. The Rise and Fall of Spain's Colonial Empire.
2. Characteristics of the Oratory of Daniel Webster.
3. Men of Action as Authors.

THE LASHER ESSAY PRIZES

Two prizes, of $17 and $13 respectively, established by George W. Lasher, D. D., class of 1857, are awarded on Commencement Day to two members of the Junior Class for excellence in English composition. For the present year the following subjects have been assigned, one of which must be chosen :

1. Cyrano de Bergerac.
2. Slav and Anglo-Saxon in Asia.
3. Tolstoi's Theory of Art.

The following regulations apply to both the Allen and Lasher Prize Essays :

1. Each prize essay must contain not more than fifteen hundred words, and must be so written that the manuscript will show broad margins, and be suitable for binding ; it must be signed with a fictitious name; and this fictitious name must be subscribed in the sealed note containing the writer's real name.

2. Before the day appointed for receiving the prize essays, each competitor must register his name with the Professor of Rhetoric.

3. The essays which receive awards will remain in the possession of the Librarian.

THE LAWRENCE CHEMICAL PRIZES

Two prizes, of $25 and $15 respectively, maintained by Mr. G. O. C. Lawrence, of Buenos Ayres, S. A., are awarded on Commencement Day, for excellence in Analytical Chemistry. The examination, which is exclusively in writing, is upon the subjects of General and Analytical Chemistry, as given in courses 1–5. Any student in this department who is a candidate for a degree may compete for these prizes, provided his work in all other departments is satisfactory, and his average

standing in this department is not below 8. The next examination will be held April 14th, 1900.

THE JUNIOR HISTORICAL ORATION PRIZES

Two prizes, of $60 and $40 respectively, maintained by Hon. Edward M. Grout, class of 1884, are awarded to members of the Junior Class for excellence in oratory. These prizes are governed by the following regulations:

1. Any member of the Junior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration.

2. The oration must be on some historical subject of the nineteenth century.

3. Before the day appointed for receiving the orations, each competitor must register his name with the Professor of Public Speaking. The oration presented must contain not more than two thousand words, and, in general, is subject to the regulations for prize composition.

4. From the whole number of orations presented, six shall be selected for public delivery.

5. The public contest shall be held on the Friday evening preceding the close of the Winter Term.

6. The order in which the contestants shall speak shall be determined by lot; and the prizes shall be awarded for excellence of thought and composition, and for practical effectiveness rather than technical excellence of delivery.

THE EUGENE A. ROWLAND ORATORICAL PRIZE

One prize of $50.00, maintained by Eugene A. Rowland, Esq., class of 1884, is awarded for excellence in Public Speaking, to a member of the Senior Class. The regulations of the competition are as follows:

1. Any member of the Senior Class, candidate for a degree, who has maintained standing up to the term of competition, may present an oration. The oration must be presented to the Professor of Public Speaking not later than twelve o'clock (noon) of the first Friday of the Winter Term.

2. The theme of the oration must be taken from the History of the Progress and Development of the American people, and must be either biographical, critical, or sociological, in its character.

3. Before the day appointed for receiving the orations, each competitor must register his name with the Professor of Public Speaking. The oration presented must contain not more than eighteen hundred words; it must be signed with a fictitious name; and this fictitious name must be subscribed on the sealed note containing the writer's real name.

4. All the orations presented at the specified time shall be referred to a committee of three members, to be appointed by the Professor of Public Speaking in consultation with the President of the University; and from the whole number of orations thus referred, six shall be selected by the Committee for public delivery. The decision of this Committee shall be announced not later than the second Friday of the Winter Term.

5. The public contest shall be held on the second Friday evening in February; the order in which the contestants shall speak shall be determined by lot; the prize shall be awarded on the ground of merit and excellence, both in composition and delivery; the Committee of Award shall consist of three persons, appointed by the Professor of Public Speaking in consultation with the President of the University.

6. For preservation and reference, each contestant shall file with the Librarian of the University, not later than the day of the contest, a copy of his oration in suitable form for binding.

THE CLASS OF 1884 DEBATE PRIZES

The Class of 1884 has established a fund whose annual interest will maintain a public prize debate, to be held during Commencement week. The prizes are $40 and $20.

The regulations governing the Class of 1884 Debate Prizes are as follows:

Competition for the Class of 1884 Debate Prizes shall be open to all members of the graduating class who have elected debates throughout the Senior year. These prizes shall be awarded on the following conditions:

1. In connection with the work in debate, there shall be held each year a preliminary debate for the selection of speakers for the prize debate.

2. Any member of the graduating class whose work in debate during the year shall be deemed worthy of such recognition may be designated as a candidate for the preliminary debate.

3. From the candidates at the preliminary debate, six speakers shall be chosen to be the competitors in the prize debate.

4. At the prize debate, two speakers shall receive awards.

5. The prizes shall be conferred on Commencement Day.

THE LEWIS COMMENCEMENT ORATION PRIZE

This prize was established in memory of Mr. George W. M. Lewis, of Utica, N. Y., by the late Professor John James Lewis, LL. D. On Commencement Day of each year the sum of $60 will be awarded to that member of the graduating class who excels in the composition and delivery of an original oration.

Regulations of the Competition for the Lewis Commencement Prize:

1. Every candidate for a degree, who shall be appointed to speak at Commencement, may compete for this prize.

2. Eight minutes shall be the limit of time for the delivery of each oration.

3. The committee of award shall consist of five persons not residents of Hamilton.

4. The sum of $60 shall be awarded, without division, to one orator before the close of the Commencement exercises.

REGULATIONS

No student shall be allowed to make up a term's work in any department by examination, without attendance at recitations, unless special permission be given by the Faculty. As a general rule, such permission will not be granted unless the student maintains high rank in all departments.

No student, except by special vote of the Faculty, shall be advanced from any class to the next higher unless he have an average standing of at least six (6) on the scale of ten (10) in each department of study, and an average of not less than seven (7) during the year in all departments taken together.

Unless a student shall have been advanced from one class to another before the printing of the current catalogue, his name shall not be advanced in the catalogue except by special vote of the Faculty.

All entrance conditions must be removed not later than the first Saturday night of the Sophomore year. Except by special consent of the Faculty, the existence of an entrance condition after the above date shall exclude the student so conditioned from all class-room privileges in the college, until such condition shall have been removed.

Any student whose term average falls below six (6) on the scale of ten (10) in any subject shall not be admitted to the final examination, but shall be required to take the subject again in class.

Any student who fails to present himself for any special or term examination, unless previously excused, shall be deemed to have failed to pass such examination.

No student is expected to be absent from any college exercise except in cases of necessity. In order, however, to provide for necessary absences of students, a certain number of absences will be allowed in each subject in accordance with the following regulations :

1. No student shall be allowed to absent himself from more than one-tenth of the whole number of exercises in any course during one term.

2. Any student desiring to be excused from reciting in any exercise shall be considered absent.

3. No absence in excess of the number allowed shall be excused for any cause whatever.

4. Any student exceeding his allowed number of absences shall be required to pass all reviews and term examinations, and shall afterwards be required to pass a special examination before the first Saturday night of the following term. Failing to pass the said examination, the student may, in the discretion of the officer, be permitted a second trial, failing in which, he shall be required to take the subject again in the class room.

5. Students are allowed the same proportion of absences from chapel as from other exercises.

6. Excess of absences from recitations or from chapel exercises may become a subject for discipline.

The members of the Sophomore, Junior, and Senior Classes shall be required to make their elections before six o'clock P. M. of the second day of each term.

No student shall be admitted to recitations until his list of studies for the term has been completed and his card signed by the Registrar.

Elective studies, when thus registered, may be changed only by consent of the Faculty.

No student who is delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year shall be eligible to any college appointment as a speaker.

If the scholarship or personal conduct of any student be such that it does not appear to be for the interest of the institution, or for his own interest, to continue him in college, the Faculty may inform his parent or guardian that the continuance of such student in college will be inexpedient, and may dismiss him without public censure or disgrace.

No student who is deficient in his college work shall be eligible to active participation in conduct and management of student

organizations. By active participation in conduct and management is understood the holding of office as manager or director in any such organization, or membership in any University exhibiting organization, contesting athletic team, or publishing board.

No student shall be eligible to active participation in the conduct and management of more than two such organizations during the same term.

Any club, association, or team of students proposing to give one or more exhibitions or entertainments, before making any contracts or engagements, must present their plans to a standing committee of the Faculty, who will be ready to confer with the manager and another representative of the club or association; and no engagements shall be made without the approval of this committee.

The accounts of all student organizations shall be submitted by the treasurer of such organization before the last Wednesday of each term to an auditing committee, appointed by the Faculty.

Exceptions to the above regulations can be allowed only by special permission of the Faculty.

Except by special vote of the Faculty, entrance conditions shall not make a student ineligible to active participation in the conduct and management of student organizations until after January 1st next following the entrance of such student into college.

Only those students who are candidates for a degree can compete for prizes or other college honors.

No student shall be recognized as a contestant directly or indirectly for any prize or appointment unless he shall be maintaining standing in all his studies at the time of such recognition, and shall have passed all examinations prior to the term in which such recognition is made. No credit in class standing is given for prize work.

No student who has exceeded the allowed number of absences during the term of competition shall be recognized as a competitor for any prize.

An oration for graduation is due on the sixth Thursday before Commencement from every member of the Senior class who is a candidate for a degree.

Any Senior who shall not present his oration by the time specified will be debarred from all recitations until the oration is presented.

The Commencement speakers shall be chosen from those who present orations at the specified time, and who are not delinquent in any college work after the first Saturday night of the Spring Term of the Senior Year. The merit of the orations, to be determined by a committee of the Faculty, shall be taken into account in choosing the speakers.

If any member of the Senior class shall be delinquent in his work after ten o'clock P. M. of the Saturday before Commencement, he shall not be recommended for a degree before the expiration of one year.

Students pursuing a special course may, upon application to the President, receive a certificate stating the courses which they have successfully completed.

No degree can be conferred or certificate given unless the applicant shall have sustained a good moral character, settled all college bills, and returned all books and paid all fines to the library.

If a student shall marry during his course of study, he thereby dissolves his connection with the University. The question of readmission is subject to the discretion of the Faculty, but in no case shall he be allowed to reenter his class.

The Registrar is authorized, if requested in writing so to do by the parent or guardian of any student, to send regularly term by term the average grade of such student in each subject, together with the hours per week, as soon as possible after the close of the term. He may also, upon request, give to a student, or to his parent or guardian, his grade in any subject; and also his average grade for any specified term or year. The grades are to be indicated as follows: Grade A, 9 and upward on the scale of 10; Grade B, 8–9; Grade C, 7–8; Grade D, 6–7. F indicates failure.

For special information regarding diligence and deportment, application may be made to the President.

STUDENTS

SENIOR CLASS

Oswald Theodore Avery	I	*New York*
George Lionel Bennett	I	*Clayton*
Thomas Edward Boswell	I	*Shelbyville, Ky.*
Henry Eltinge Breed	III	*Cornwall*
Aretus P Burroughs	III	*New Albion*
Robert W Burroughs	I	*New Albion*
Daniel Webster Chester	I	*Noank, Conn.*
Walter Concemore Cramp	I	*Oneida*
William Mason Denison	I	*Montrose, Pa.*
Emry Jay Dunklee	I	*Wyalusing, Pa.*
George Charles Embody	III	*Auburn*
Leland Delos Fosbury	I	*Sidney*
Harry Emerson Fosdick	I	*Buffalo*
Harry Schuyler Foster	II	*Sing Sing*
Herbert Ernest Hatchman	I	*West Troy*
Charles Henry Herrick	II	*Canton*
James David Howlett	I	*Lansingburg*
Edward David Mitchell	I	*Philadelphia, Pa.*
William More Parke	I	*Gloversville*
William Lord Root	III	*Hamilton*
Frank Shields Ruland	I	*Sidney*
Judson Smith Rumsey	I	*Cattaraugus*
John Manville Sayles	I	*Mexico*
Philip Tompkins Smith	II	*Hamilton*
Frank Seymour Squyer	I	*Auburn*
William Thayer Tower	I	*Cortland*

Henry Russell Westcott, Jr.	I	*Scranton, Pa.*
Harold Orville Whitnall	II	*Syracuse*

JUNIOR CLASS

George LeRoy Buck	II	*Sugar Hill*
Frank Pores Bussell	I	*Sparland, Ill.*
Henry Raymond Dalrymple	I	*Worcester, Mass.*
George Calvin Dapson	I	*Oneida*
Ernest Lamott Elliott	I	*Brookfield*
Walter Dalton Estes	I	*Hamilton*
Arthur J Evans	I	*Elton*
Herbert Francis Evans	II	*Highland Park, Ill.*
John Garvin Foote	II	*Belvidere, Ill.*
Frederic Reynolds Ford	III	*Elmira*
Nelson Lewis Greene	I	*Hamilton*
Ernest Arthur Hall	I	*Euclid*
William Thomas Henry, Jr.	I	*Elmira*
Jonathan Holden	I	*Sherburne*
Lewis Patton Hornberger	III	*Philadelphia, Pa.*
Charles Abel Howland	II	*Blackinton, Mass.*
Forest Preston Hunter	I	*Kenmore*
Manford Monroe Jenkins	I	*Adams Centre*
Sherman Jones	I	*Hamilton*
Herbert Wheeler Marean	I	*Brookland, D. C.*
Emmett Carpenter Miller	I	*Horseheads*
Edwin Knapp Munro	III	*Camillus*
Charles Belding Phipps	III	*East Rockaway*
Jarvis Alexander Root	II	*Hamilton*
Obadiah Marten Ruland	I	*Sidney*
Horace W B Smith	I	*Phœnix*
Hubert Lewis Stubbs	II	*Colorado Springs, Col.*

Earl Vincent Sweet	I	*Phœnix*
Byron Warren Valentine	I	*Hoosick Falls*
Leon Masters Waite	I	*Belleville*
John Ambler Williams	II	*Brooklyn*
Fred Curtis Whitfield	I	*Oneida*
George Henry Young	I	*Redworth, Eng.*

SOPHOMORE CLASS

John Atanasoff	II	*Omarchovo, Bulgaria*
George Llewellyn Barden	I	*Gage*
Emry Andrew Bauer	III	*Herkimer*
Fred Wahn Beal	II	*Hamilton*
Ivan Howland Benedict	II	*Waterbury, Conn.*
Lewis Jay Bingham	II	*Spencer*
Robert Huntington Breed	II	*Cornwall*
Roscoe David Brownell	I	*Fruit Valley*
Clarence Edwin Ford	I	*Camden*
Albert Henry Gage	I	*Worcester*
Robert Judson Goff	III	*Cazenovia*
Samuel Munroe Graves	I	*Rice's*
Eric Viele Greenfield	I	*Durhamville*
Hubert Winfield Hess	I	*Masonville*
George Burton Marston	II	*Albany*
James Edgar Miller	I	*Eaton*
John Mooshie	II	*Urmia, Persia*
Ezra Minor Morse	I	*Watkins*
John Leonard Oaks	I	*Randallsville*
Wilson Newton Perkins	I	*Adams Centre*
Frank Porter	I	*Boonville*
Ernest LaVere Sanford	I	*Island Pond, Pa.*
George Henry Smith	III	*Hamilton*

Charles Sleeper Sterling	II	*Millport*
George Brewster Swan	II	*Beaver Dam, Wis.*
Daniel Joseph Sweeney	I	*Hamilton*
Nelson Ervin Thomas	I	*Lansingburg*
Thomas Longland Thompson	I	*Alpena, Mich.*

FRESHMAN CLASS

Fred William Ainslie	I	*Burlington Flats*
William Almon Andrews	I	*Elba*
Samuel Howard Archer	I	*Petersburg, Va.*
Austin Lewis Babcock	II	*Madison*
George Murray Beal	II	*Hamilton*
Hugh Bryan	I	*Sherburne*
Harry Charles Buck	II	*Sugar Hill*
Charles Frank Bullock	I	*Crosby*
Carl Colvin Burt	I	*Ulysses, Pa.*
Irving Bundy	I	*Osage, Iowa*
Daniel Parker Card	III	*Smyrna*
Harry Thomas Collings	I	*Eaton*
Harris Bingham Cook	II	*Camillus*
Robert Wallace Craine	I	*Brookfield*
Robert B Crowell, Jr.,	II	*Wallkill*
William Edwin Darrow	I	*Hamilton*
Alfred Spencer Davis	II	*Lansingburg*
Howard Clarke Davis	I	*Lynn, Mass.*
Lee Sherman Davis	II	*Sidney*
Carroll Hamilton Dawley	I	*Minneapolis, Minn.*
William Edward Dimorier	I	*Afton*
Samuel Deyo Dolson	II	*Libertyville*
Curtis Clinton Edgett	II	*Hamilton*
Glenn Blackmer Ewell	I	*Pavilion*
Lindol Elmer French	I	*Worcester, Mass.*

Irving Galusha	I	*Amsterdam*
Floyd Tompkins Goodier	I	*Cedar Lake*
Arthur Munger Griffen	III	*Verona, N. J.*
George Lewis Hayes	I	*Danville, Va.*
Edward Leonard James	I	*Rushford*
Albert Thomas Jennings	II	*Earlville*
John Walter Larkin	II	*Solvay*
Orma Neil Marsh	III	*Hamilton*
Lawrence Breinard McKelvey	II	*Waterford*
T A Moore	III	*Manlius*
Ralph Thomas Norris	II	*Himrods*
Floyd Jerome Olds	I	*Adams*
Eugene Christopher Platner	I	*Cherry Valley*
Walter Ratcliffe Randall	I	*Troy*
Fred Wellington Reed	II	*North Hebron*
James Walter Rogers	I	*Slanesville, W. Va.*
George Byron Roorbach	I	*Fort Plain*
Edward Bingham Sherwood	III	*Camillus*
Tilston Dwight Spring	III	*Elmira*
Wallace Teall Stock	I	*Hamilton*
Daniel Richard Sullivan	I	*Myersburg, Pa.*
Morris Mott Sweeney	III	*Hamilton*
Albert Terry Tamblyn	I	*Allentown, Pa.*
George Olner Tamblyn	I	*Allentown, Pa.*
Henry William Taylor	II	*Hamilton*
Ralph Howard Tibbals	I	*Cornwall Bridge, Conn.*
Lucian Stowell Tuttle	I	*Alabama*
William Huntington Waite	I	*Belleville*
LaVerne Austin Walker	I	*Greene*
Robert Edward Williams	III	*Cohoes*
Arthur Edward Wood	II	*Sidney*
Frank Kelly York	I	*Smithville*

SPECIAL STUDENTS

Frank Lafayette Foster	*Hamilton*
Robert Leonard Gurney	*St. Louis, Mo.*
Henry Theron Holton	*Farmer*
George Victor McAllister	*Hamilton*
Hugh Ross McMillan	*Maple Lake Sta., Ont.*

SUMMARY

Seniors	28
Juniors	33
Sophomores	28
Freshmen	57
Special Students	5
Total	151

COMMENCEMENT WEEK

JUNE 18–22, 1899

SUNDAY

10:30 A. M. Baccalaureate Sermon by President George E. Merrill, D. D.

7:30 P. M. Sermon before the Theological Seminary by the Rev. Henry A. Cordo, D. D., of Lambertville, N. J.

MONDAY

3:00 P. M. Kingsford Prize Declamations

8:00 P. M. Glee Club Concert

TUESDAY

9:00 A. M. Meetings of the Boards of Trustees

10:30 A. M. Graduating Exercises of Colgate Academy

3:00 P. M. Class of 1884 Prize Debate

5:00 P. M. Business Meeting of the Phi Beta Kappa Society

7:30 P. M. Anniversary of the Education Society. Address by the Rev. T. Edwin Brown, D. D., of Franklin, Pa.

WEDNESDAY

10:30 A. M. Theological Seminary Commencement. Address to the Class by Professor S. Burnham, D. D.

3:00 P. M. Inauguration of the Rev. George E. Merrill, D. D., as President of the University

7:00 P. M. Meeting of the Alumni in the Gymnasium

8–10 P. M. Inaugural Reception in the Gymnasium

THURSDAY

10:00 A. M. University Commencement

1:00 P. M. Alumni Dinner

COMMENCEMENT EXERCISES

JUNE 22, 1899

INVOCATION

MUSIC

Oration - - - - - The Englishman in India
Thomas Allen

Oration - - - The Unrest of the Laboring Classes
Ralph Potter Bliss

Oration - - - The Nineteenth Century Renaissance
John D. W. Chester

Oration - - - - - - The Negro Problem
Elbert Hilles Loyd

MUSIC

Oration - - Bonaparte and Luther as Representative Forces in History
Fred John Nevinger

Oration - - The Trend of the Nineteenth Century
Charles Herbert Oliver

Oration - - - - - The Dream of Socialism
Cornelius Edward Schaible

MUSIC

Oration - - - - - - The Jew in History
George William Strobel

Oration - - - - - The Reunited Nation
Stuart Root Treat

Oration - - - The Laureate of the Anglo-Saxon
Charles Earl Walters

MUSIC

CONFERRING OF AWARDS AND DEGREES

BENEDICTION

HONORS

DEGREES

CONFERRED JUNE 22, 1899

A. B.

Thomas Allen
Arthur Cowan Cady
John Daboll Webster Chester
Frank Ferris Dunham
Nat Terry Frame
Harry Shreve Higgins
Stephen Holden, Jr.
Francis Ulysses Kohler
Elbert Hilles Loyd
Walter Clark Mason
Charles McKenzie Newton
Charles Herbert Oliver
Homer Lockwood Post
Cornelius Edward Schaible

PH. B.

Louis Edmund Bird
Ralph Potter Bliss
William Wallace Bullock
George Everett Eldred
Berton Anson Garrett
George William Strobel
Stuart Root Treat
Charles Earl Walters
Seymour Bennett Weller

B. S.

Herbert Asher Cook
Fred John Nevinger

B. D.

John Benjamin Anderson, A.B.
William Henry Brown, Ph. B.
Henry Z Davis, A. B.
Joshua Burnett Ganong, A.B.
Alva Leonard Knapp, A. B.
Cyrus William Negus, A. B.
George Edmund Traver Stevenson, A. M., B. D.

HONORARY

D. D.

Rev. William Tongh Carson Hanna, A. B., Class of '70, Bradford, Pa.

Rev. William Wallace Dawley, A. B., Class of '81 (Sem.), Minneapolis, Minn.

LL. D.

Hon. George A. Hardin, Little Falls

PRIZES

THE BALDWIN GREEK PRIZES

Forest Preston Hunter, First Walter Dalton Estes, Second

Committee of Award:

Professor Edward North, LL. D., Hamilton College
Professor Edward Fitch, Ph. D., Hamilton College

THE SOPHOMORE LATIN PRIZES

Frank Pores Bussell, First Nelson Lewis Greene, Second

Committee of Award:

Professor Albert Granger Harkness, A. M., Brown University

THE OSBORN MATHEMATICAL PRIZES

Webster Chester, First William Lord Root, Second

Committee of Award:

Professor John Hopkins Leete, A. B., State College, Pa.

THE LAWRENCE CHEMICAL PRIZES

Frederick Reynolds Ford, First
George Everett Eldred, Second

Committee of Award:

Professor Milo C. Burt, Ph. D., Amherst College

THE ALLEN ESSAY PRIZES

Forest Preston Hunter, First George Henry Young, Second

Committee of Award:

Professor Roland Palmer Gray, A. B., University of Rochester

THE LASHER ESSAY PRIZES

Harry Emerson Fosdick, First
Henry Russell Westcott, Jr., Second

Committee of Award:

Professor William R. Terrett, D. D., Hamilton College

THE KINGSFORD DECLAMATION PRIZES

CLASS OF 1900

Walter Concemore Cramp, First
William Thayer Tower, Second

CLASS OF 1901

Edward Albert Parker, First Walter Dalton Estes, Second

CLASS OF 1902

Ivan Howland Benedict, First George Burton Marston, Second

Committee of Award:

Rev. William F. Slocum, Montour Falls
Rev. Elbridge W. White, Jackson, Mich.
Rev. Leonard J. Dean, Troy

THE JUNIOR HISTORICAL ORATION PRIZES

Harry Emerson Fosdick, First James David Howlett, Second

Committee of Award:

Professor Sylvester Burnham, D. D., Hamilton
Professor William Henry Crawshaw, A. M., Hamilton
Principal Frank Lucius Shepardson, A. M., Hamilton

THE EUGENE A. ROWLAND ORATORICAL PRIZE

Fred John Nevinger

Committee of Award:

Professor Arthur Jones, D. D., Hamilton
Professor John Greene, Ph. D., Hamilton
Herbert H. Hawkins, Ph. B., Hamilton

THE CLASS OF 1884 DEBATE PRIZES

Cornelius Edward Schaible, First Fred John Nevinger, Second

Committee of Award:

Rev. William B. Wallace, Utica
Rev. Gove G. Johnson, Ballston Spa
Rev. James R. Edwards, Norwich

THE LEWIS COMMENCEMENT ORATION PRIZE

Fred John Nevinger

Committee of Award:

Rev. Smith Thomas Ford, Lowell, Mass.
Rev. A. T. Dunn, D. D., Waterville, Me.
Rev. Robert E. Farrier, Poughkeepsie
John L. Heffron, M. D., Syracuse
Edwin H. Risley, Esq., Utica

THE DODGE ENTRANCE PRIZES

CLASS OF 1903

Awarded to students prepared for college at Colgate Academy:

Wallace Teall Stock, First George Byron Roorback, Second
LaVerne Austin Walker, Third

Awarded to student prepared elsewhere than at Colgate Academy:

Ralph Howard Tibbals, prepared at the D. M. Hunt School, Falls Village, Conn.

PHI BETA KAPPA

The following members of the class of 1899 were admitted to the Phi Beta Kappa Society:

Elbert Hilles Loyd Cornelius Edward Schaible

ALUMNI ASSOCIATION

The membership of this association consists of graduates from any one of the collegiate or theological courses of study in Colgate University, and of such persons as have received honorary degrees from the University, and who, after application, are elected at the annual meeting. It also includes associate members duly elected at the annual meeting.

OFFICERS FOR 1899-1900

President

Rev. W. A. Granger, D. D., '74, Mt. Vernon

Vice-Presidents

Rev. G. H. Hubbard, D. D., '75, Auburn
Rev. E. H. Lovett, '77, Davenport, Ia.
G. W. Douglass, '88, Brooklyn
Rev. Daniel H. Clare, '95, Waverley

Secretary

Charles W. Underhill, Esq., '62, Hamilton

Treasurer

Professor J. M. Taylor, LL. D., '67, Hamilton

Necrologist

Professor William F. Langworthy, A. M., '87, Hamilton

CALENDAR

1899		
Sept.	14,	Opening of Fall Term
Nov.	7,	Election Day, a Holiday
Nov.30-Dec.2,		Thanksgiving Recess
Dec.	22,	Close of Fall Term
		VACATION
1900		
Jan.	9,	Opening of Winter Term
Jan.	13,	Eugene A. Rowland Prize Orations due
Jan.	13,	Special Examinations
Jan.	25,	Day of Prayer for Colleges
Feb.	16,	Eugene A. Rowland Oratorical Prize Exhibition
Feb.	22,	Washington's Birthday, a Holiday
Feb.	24,	Junior Prize Orations due
Mar.	23,	Close of Winter Term
		VACATION
Apr.	3,	Opening of Spring Term
Apr.	14,	Lawrence Chemical Prize Examination
Apr.	14,	Sophomore Latin Prize Examination
Apr.	14,	Lasher Prize Essays due
Apr.	14,	Allen Prize Essays due
Apr.	19,	Junior Prize Oration Contest
Apr.	20,	Patrons' Day
Apr.	21,	Osborn Mathematical Prize Examination
Apr.	21,	Baldwin Greek Prize Examination
May	11,	Commencement Orations due
May	30,	Memorial Day, a Holiday
June	15,	College work closes
June	18-19,	First Entrance Examinations
June	17-21,	Exercises of Commencement
		VACATION
Sept.	13,	Opening of Fall Term
Sept.	13,	Second English Entrance Examination, 3 P. M.
Sept.	13-15,	Second Entrance Examinations
Sept.	15,	Special Examinations
Nov.	6,	Election Day, a Holiday
Nov.29-Dec.1,		Thanksgiving Recess
Dec.	21,	Close of Fall Term

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